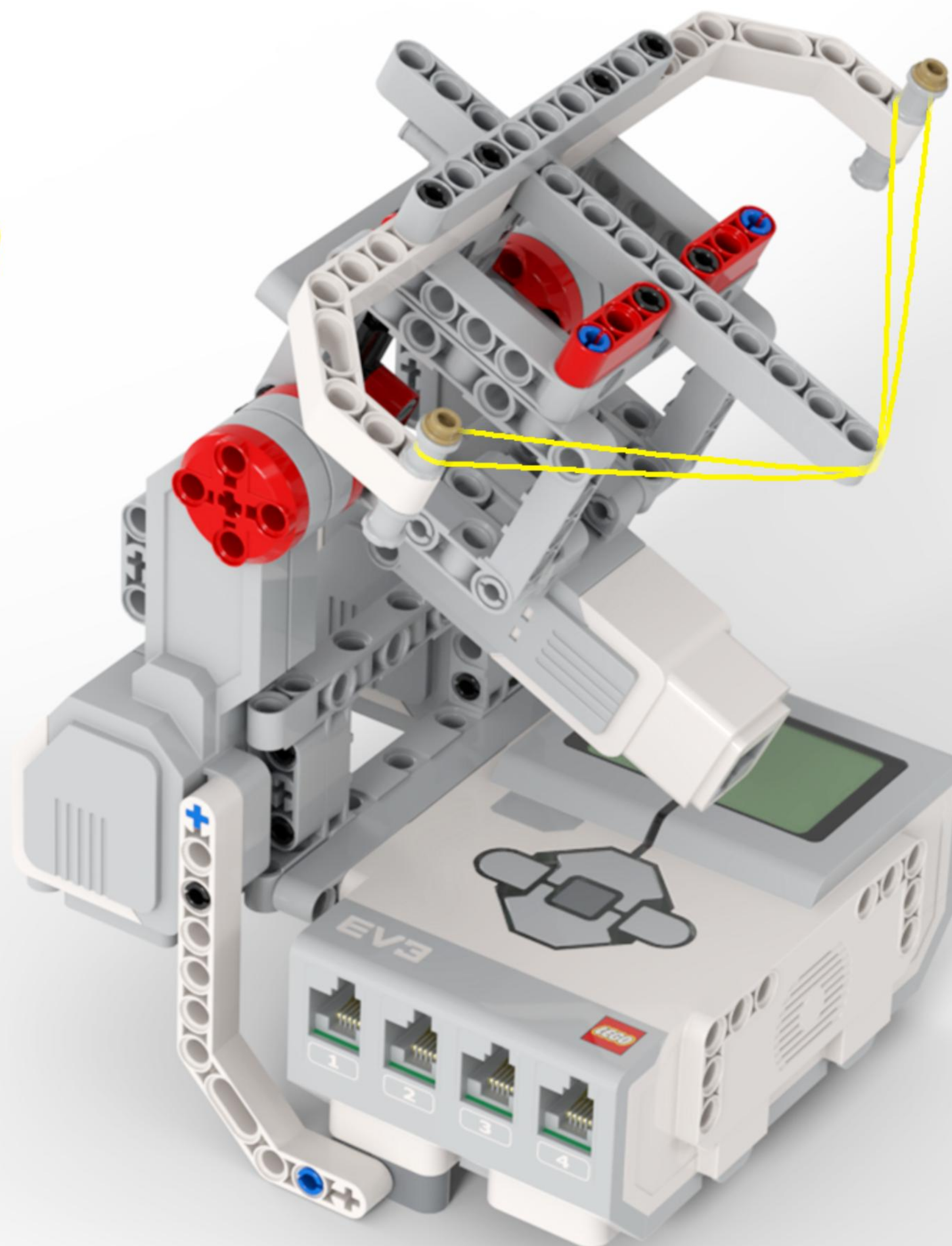
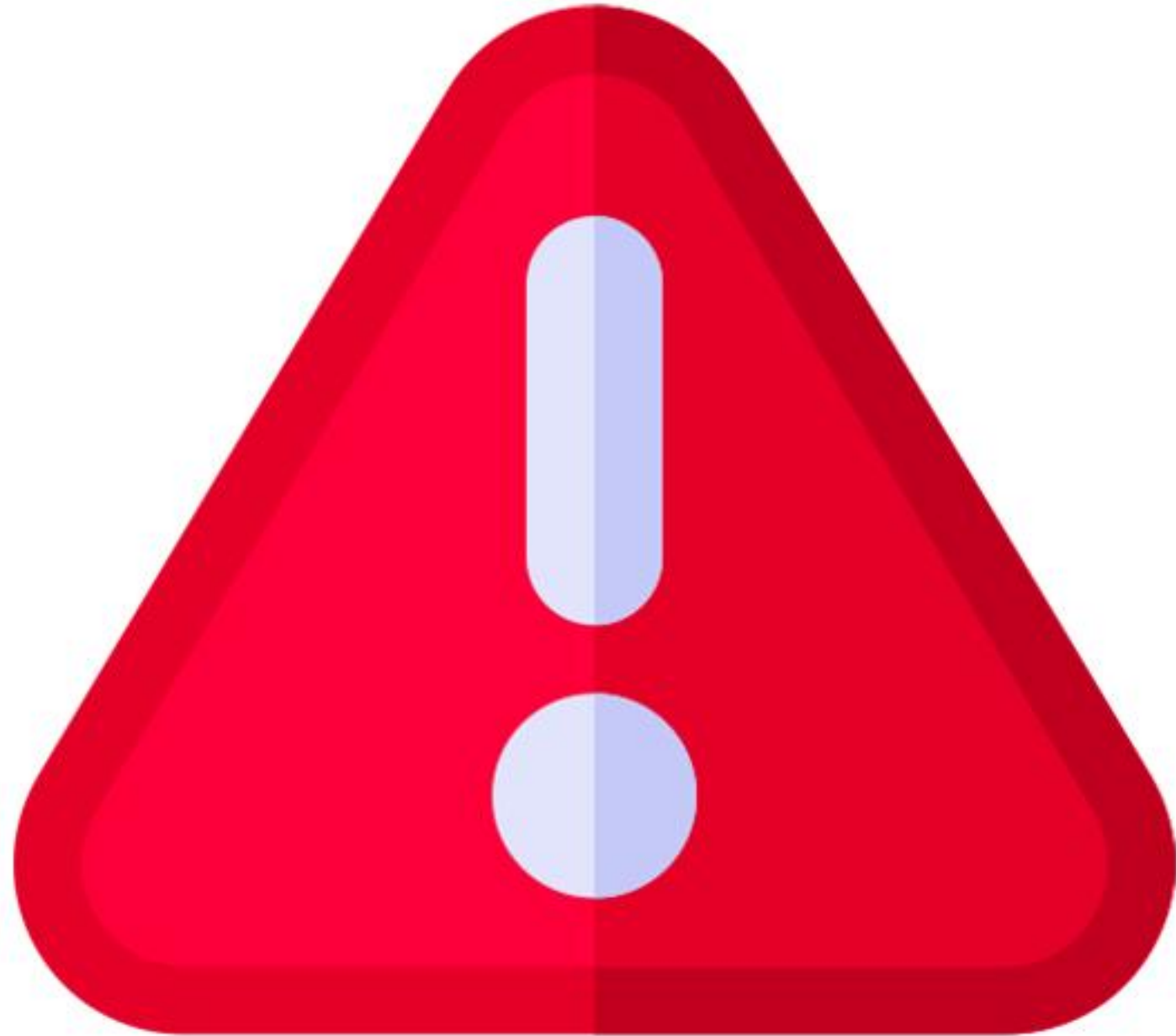


Lego EV3 Mechanical Crossbow



warning

**This model has certain dangers !
Please wear goggles !**



**Minors need to operate this work
under the guidance of an adult!!!**

Don't shoot people or animals! ! !

**Don't shoot at breakable objects
such as TV screens! ! !**



32x
2780
Black



1x
32034
Black



1x
32013
Black



1x
60483
Black

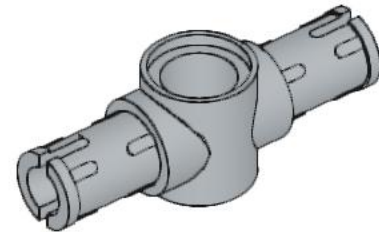


1x
32184
Black

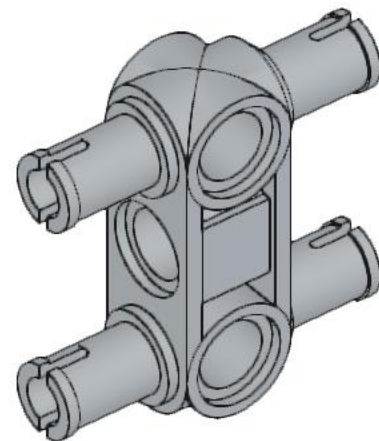


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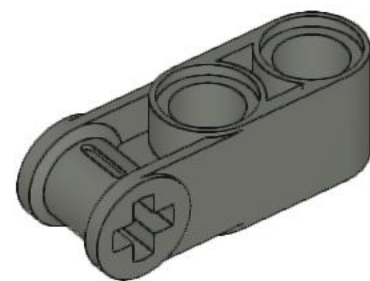
1x
87082
Light Bluish Gray



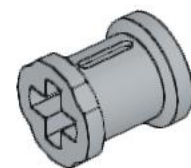
2x
3673
Light Bluish Gray



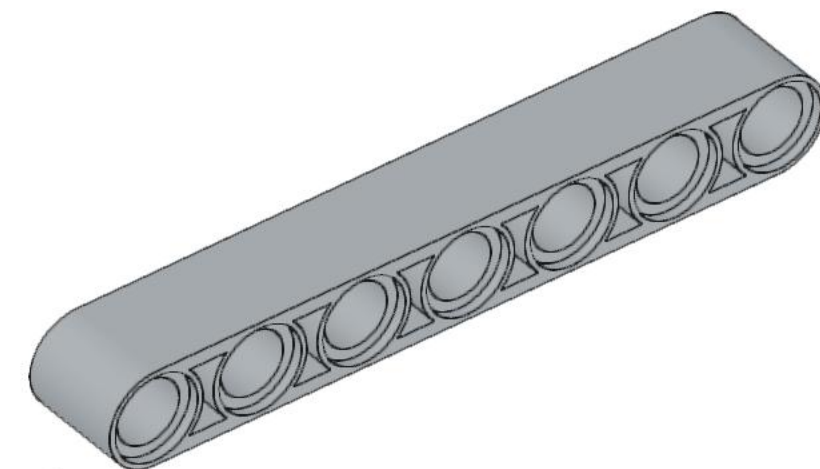
2x
48989
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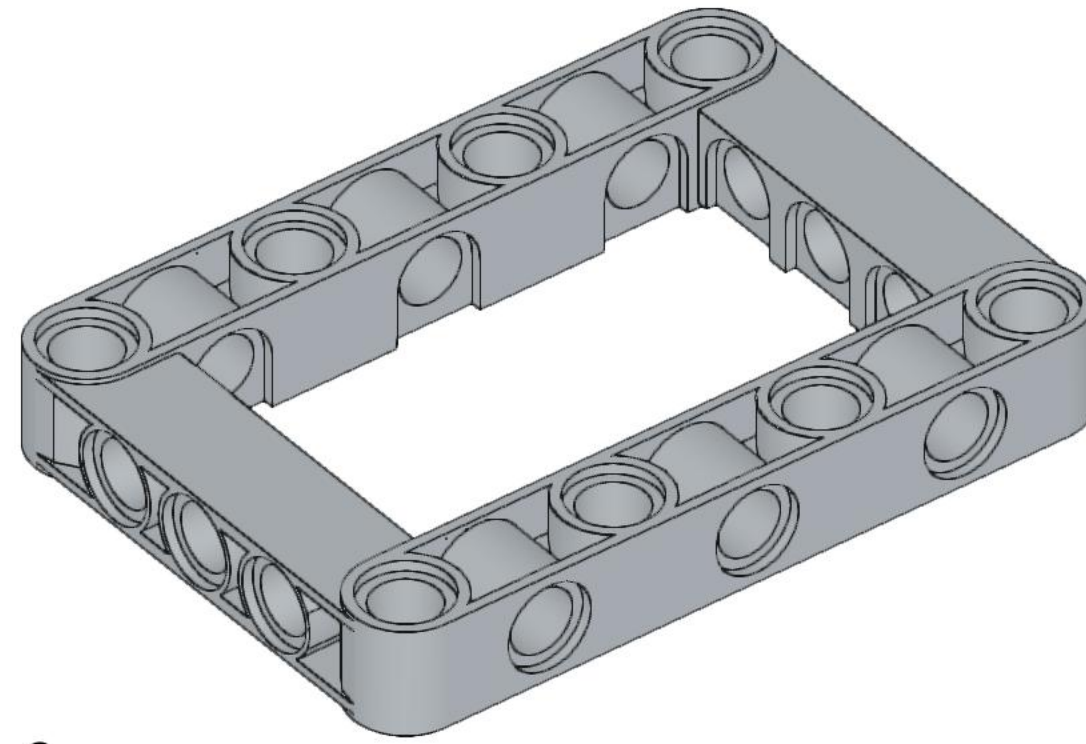
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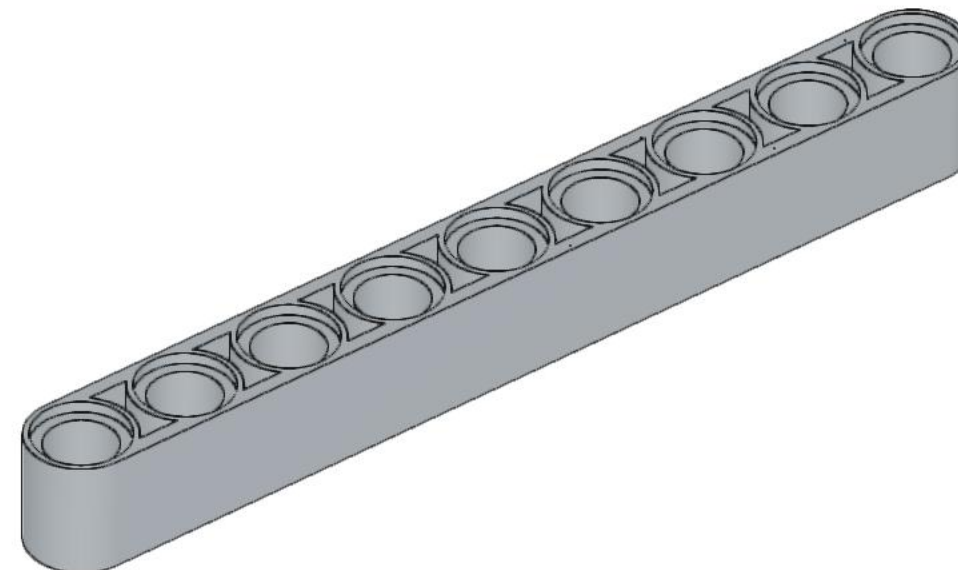
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3713
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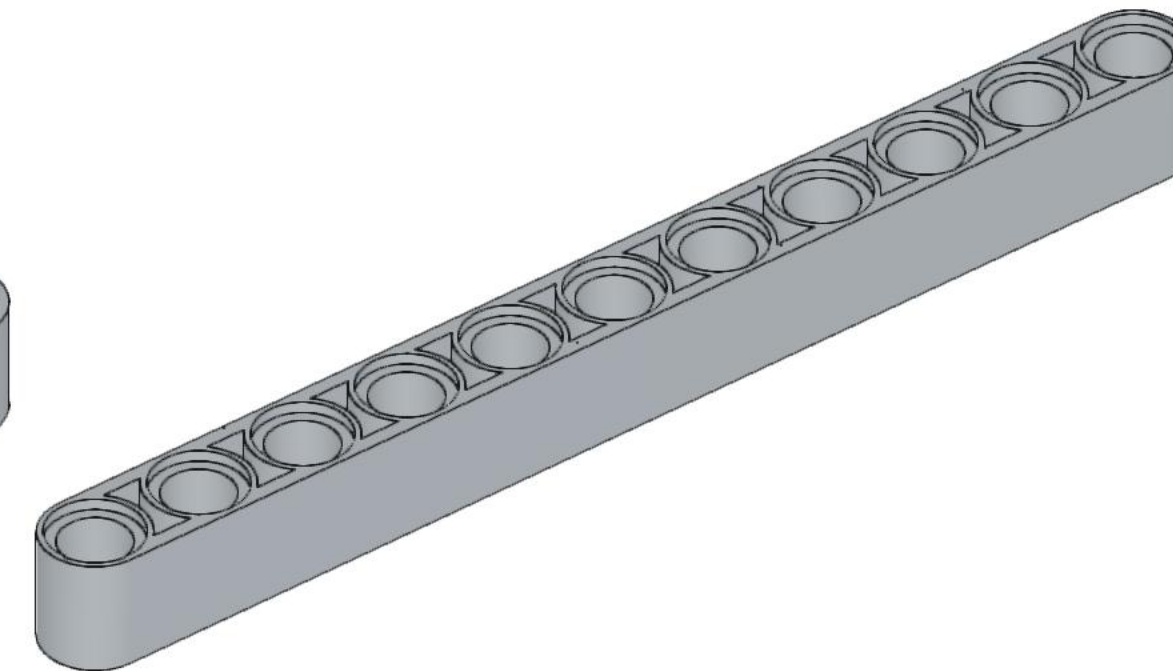
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32524
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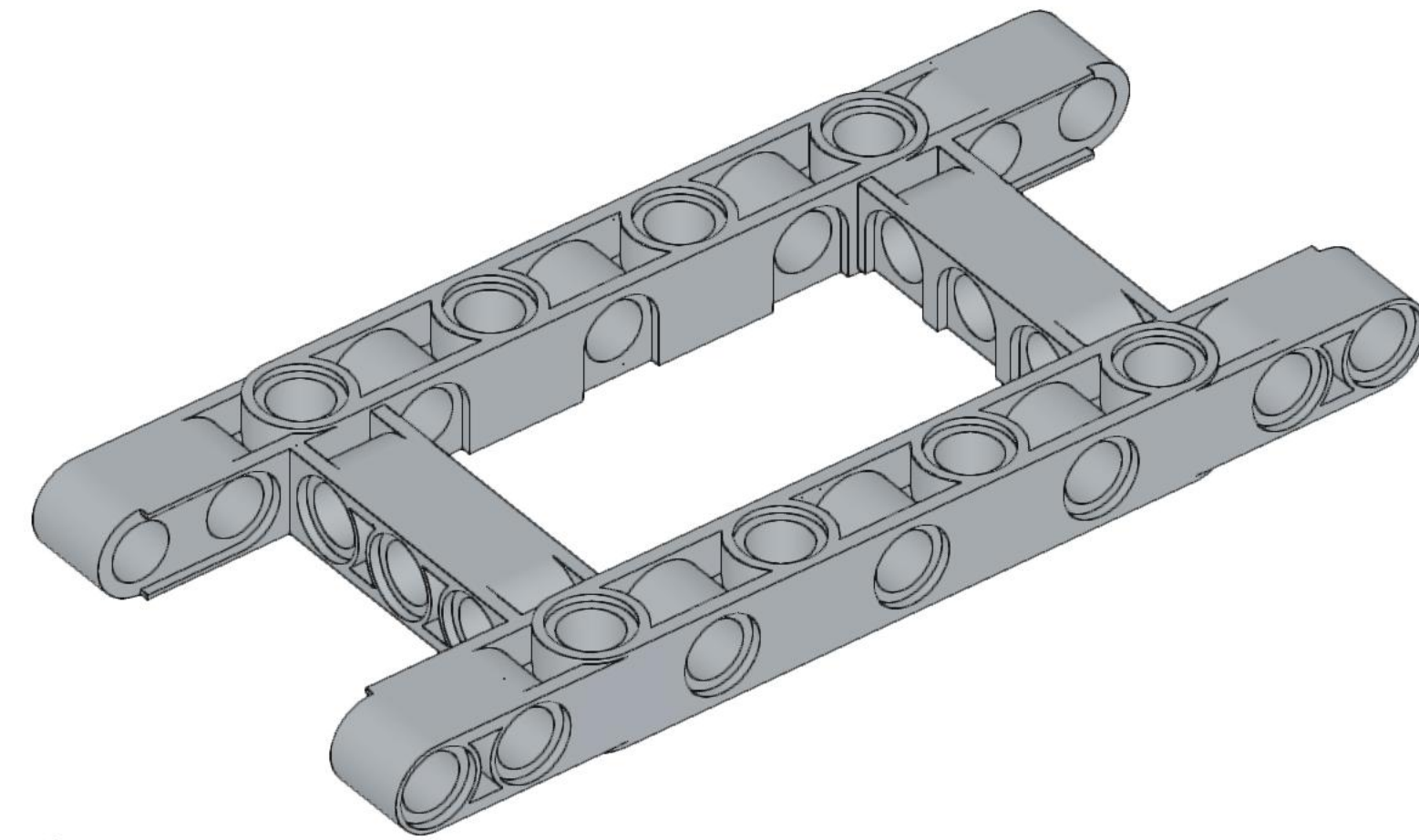
3x
64179
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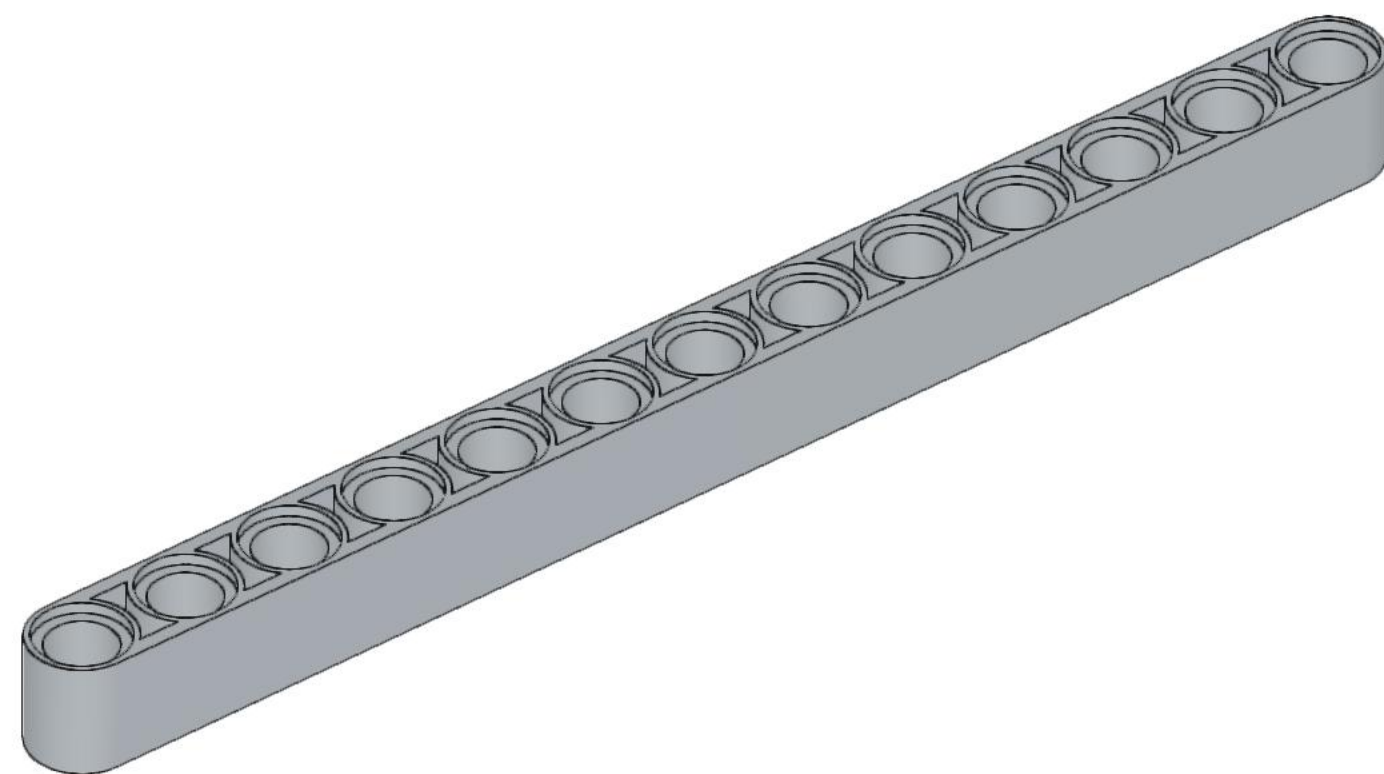
1x
40490
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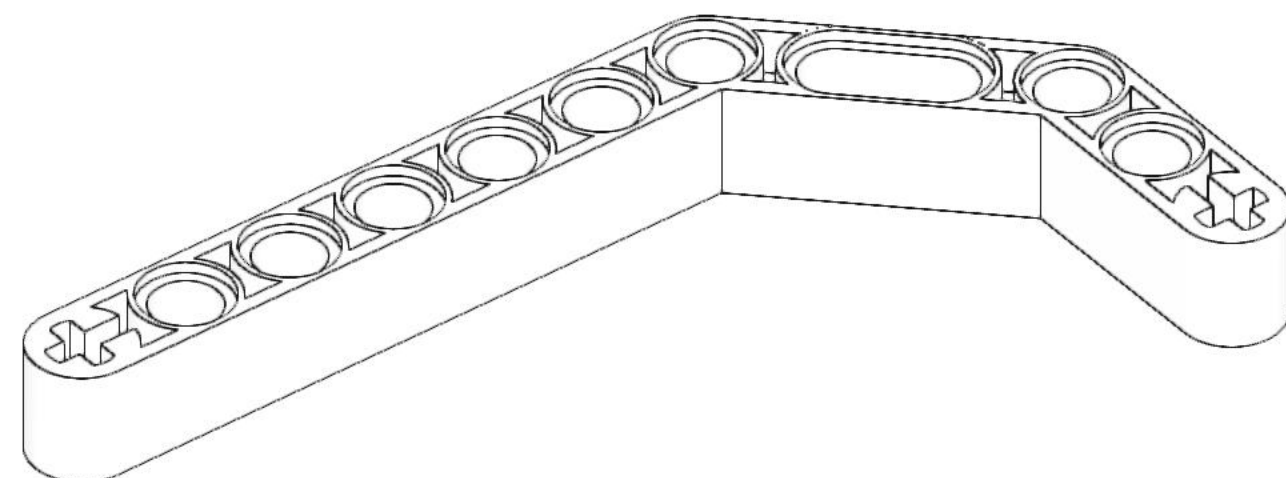
1x
32525
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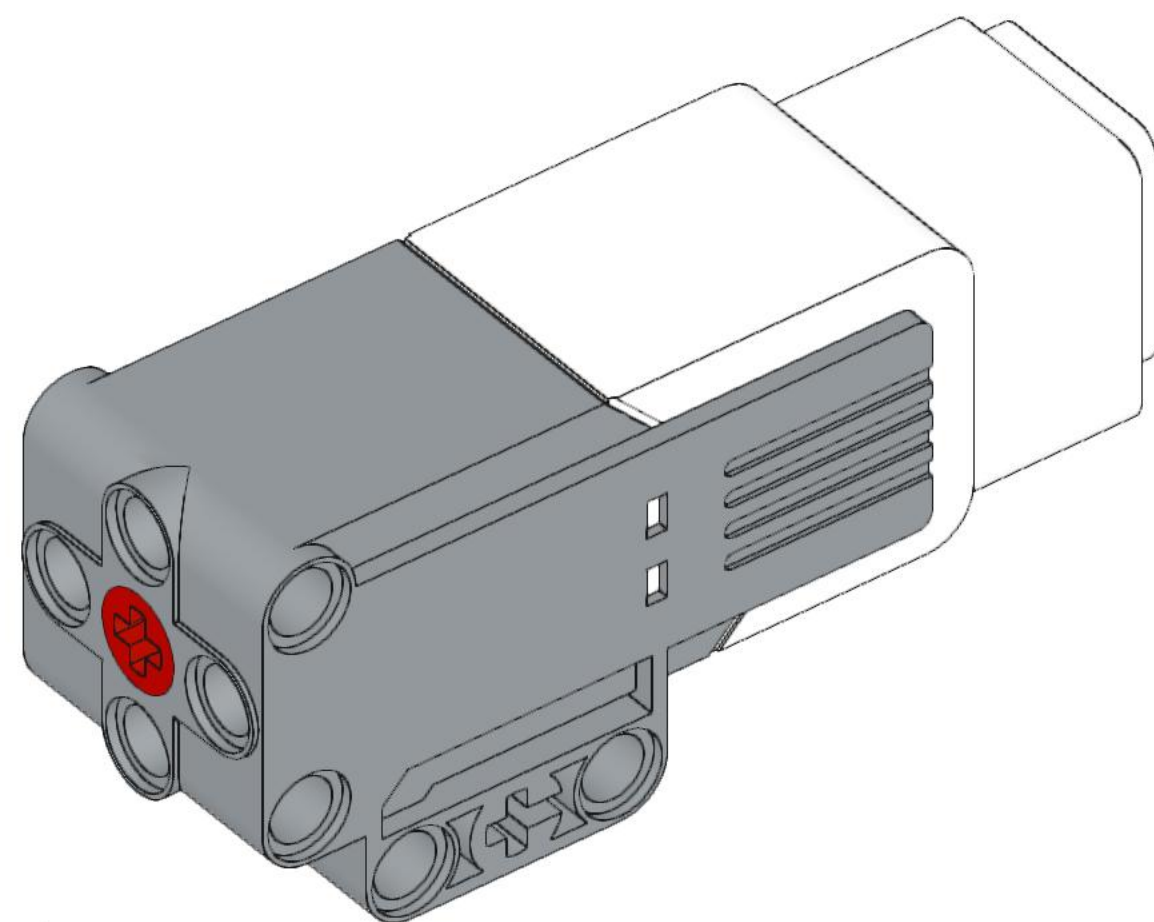
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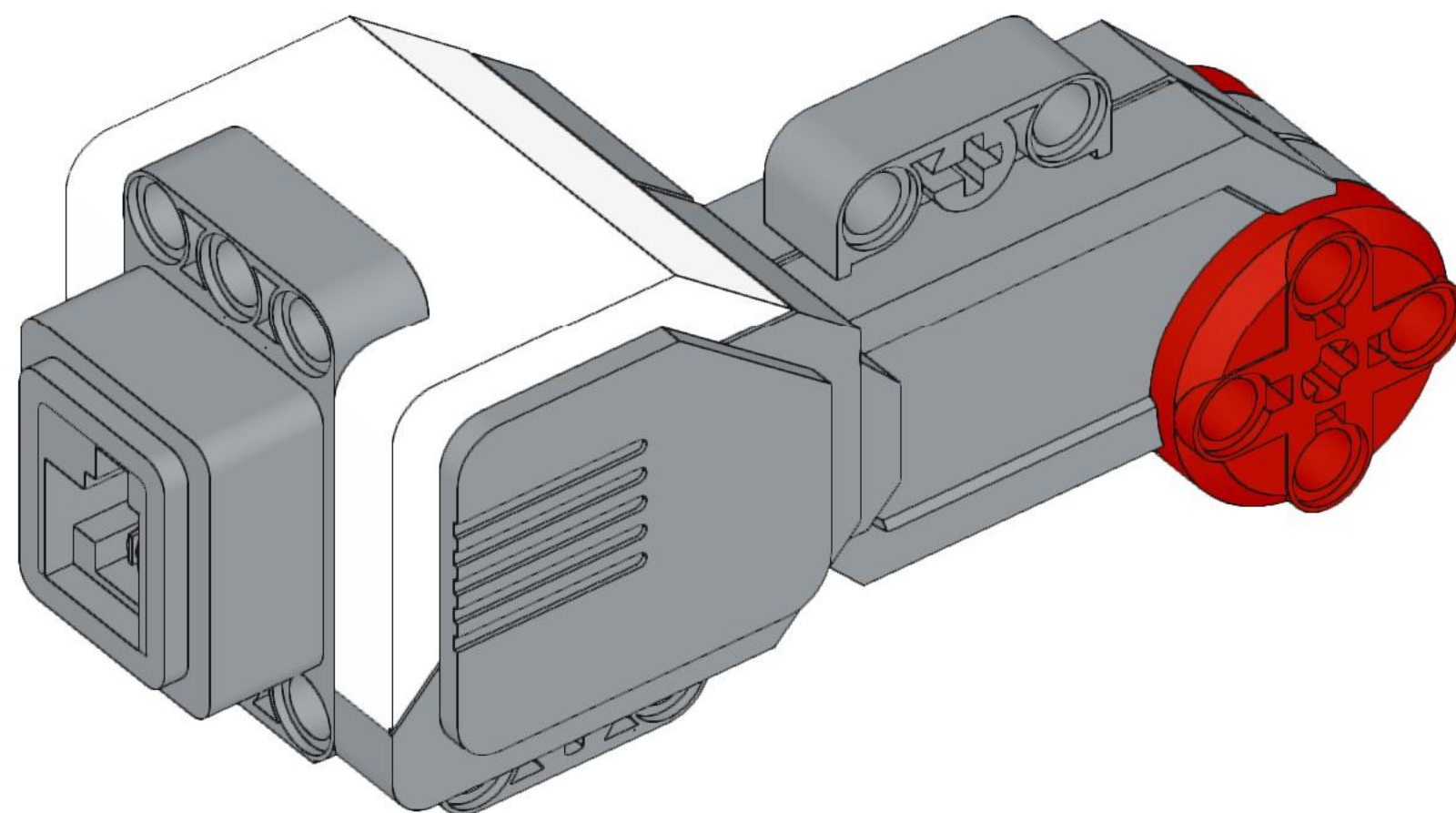
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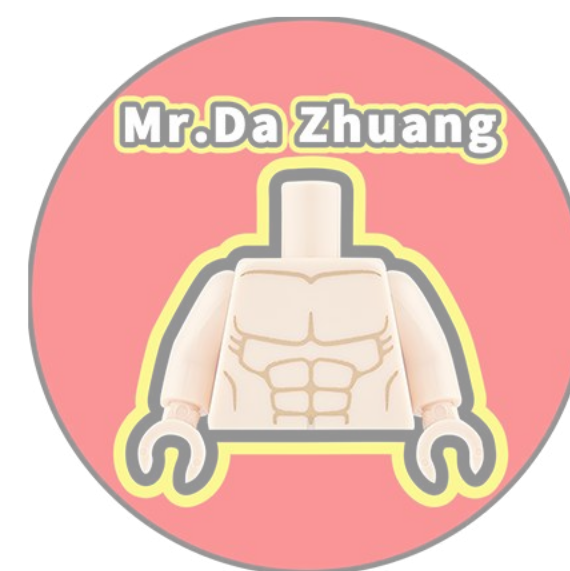
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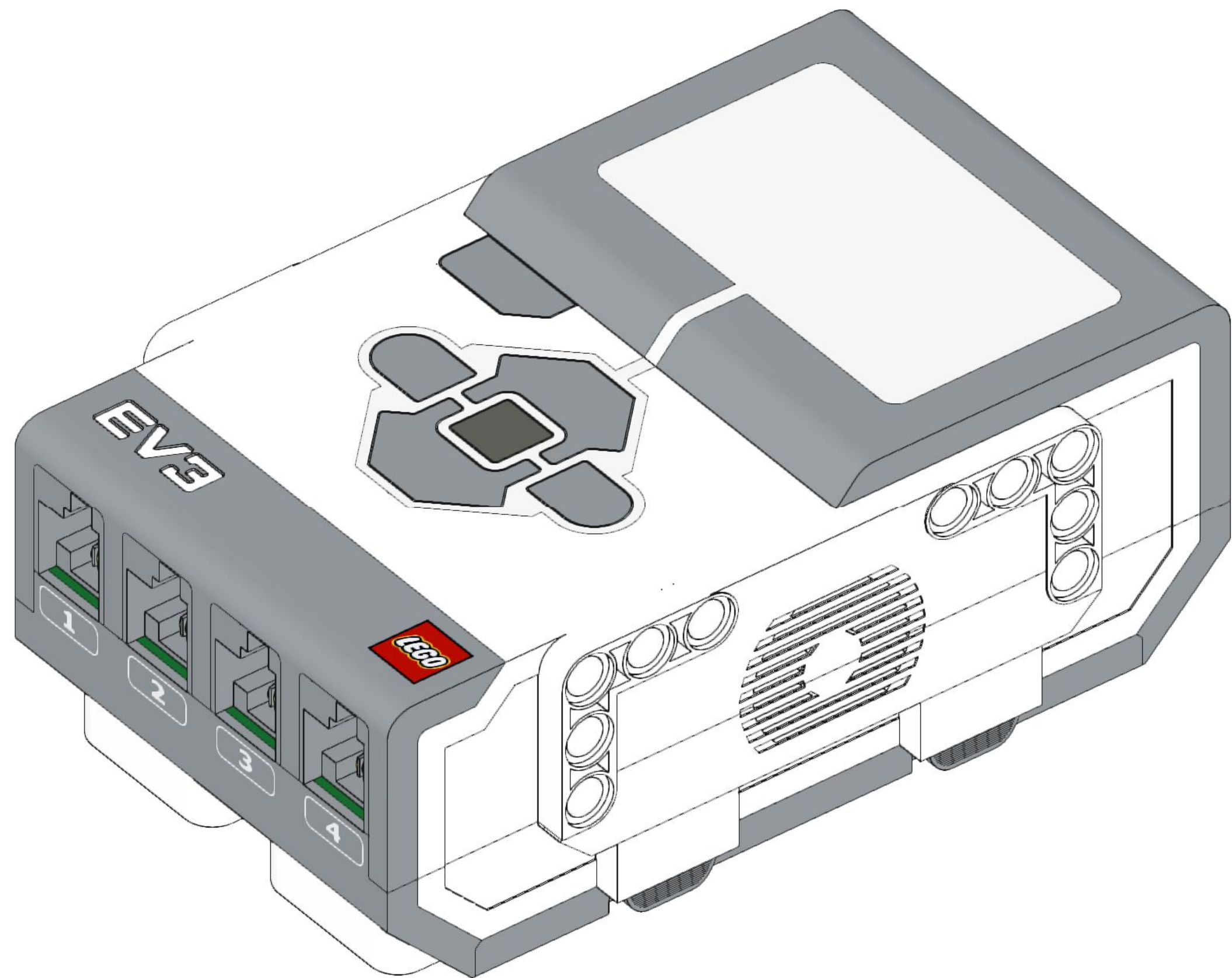
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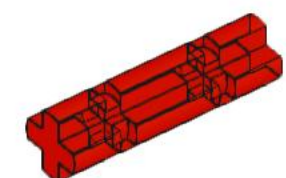
2x
95658
White



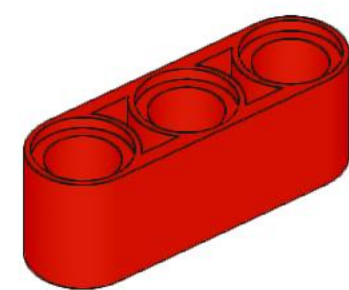
Mr. Da Zhuang
Youtube  **me!**



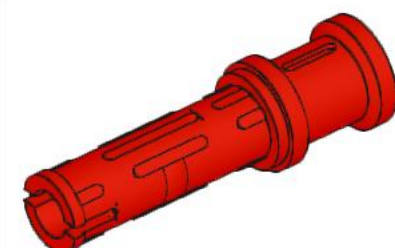
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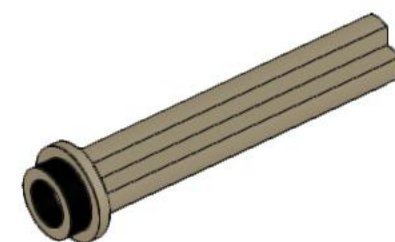
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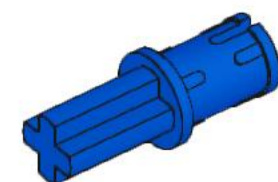
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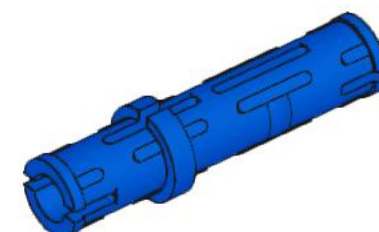
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32054
Red



2x
6587
Dark Tan

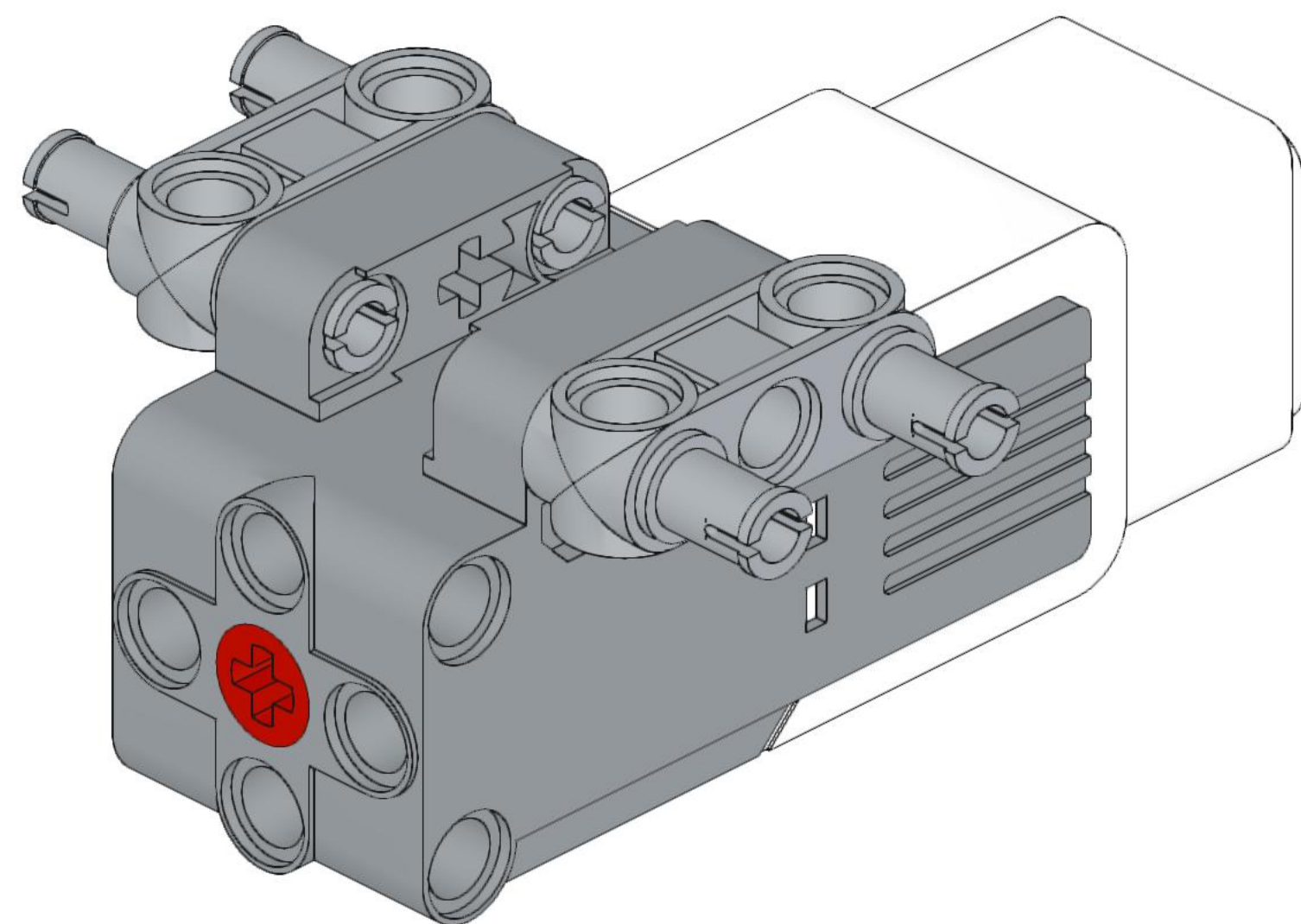
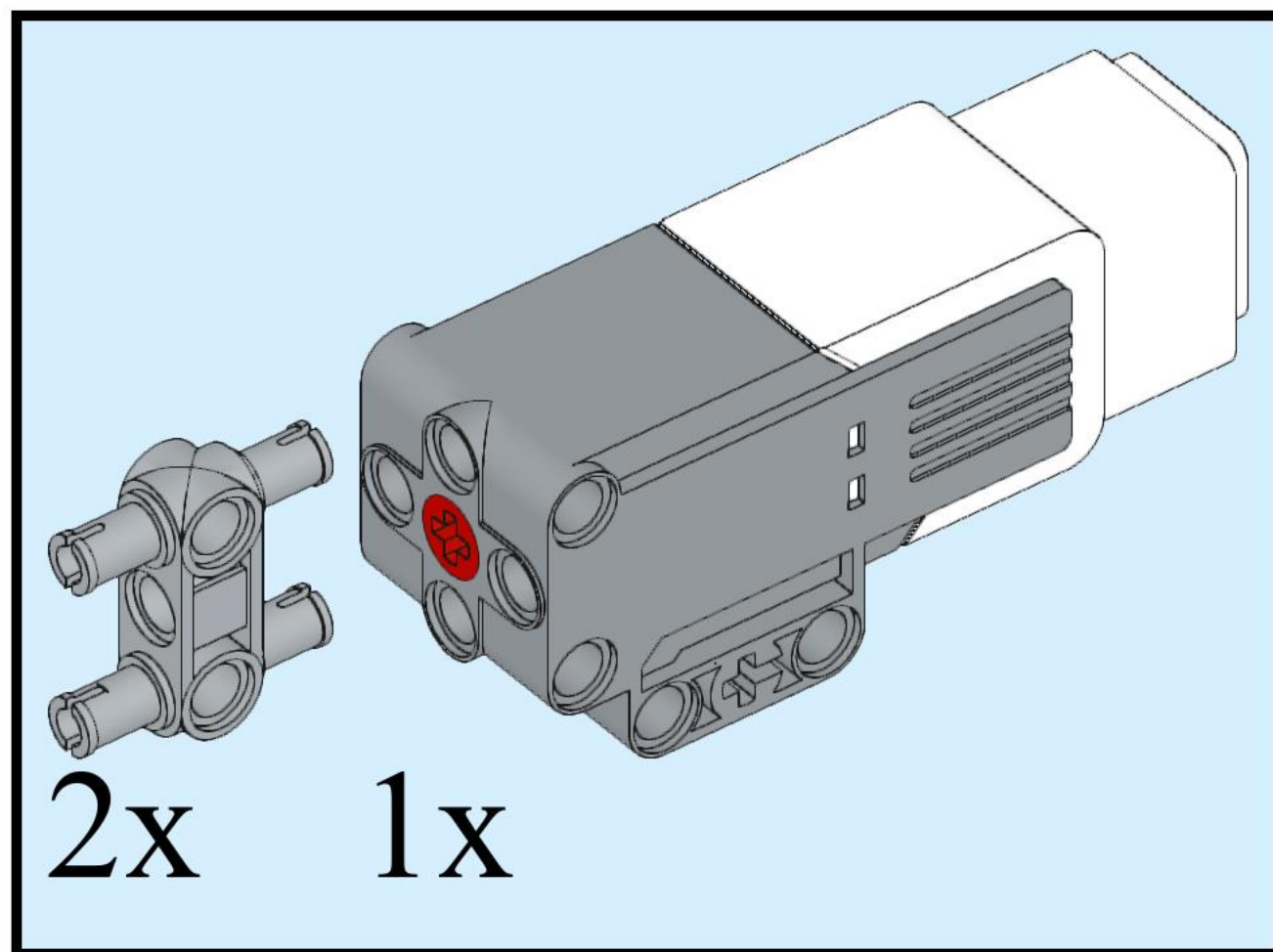


8x
43093
Blue

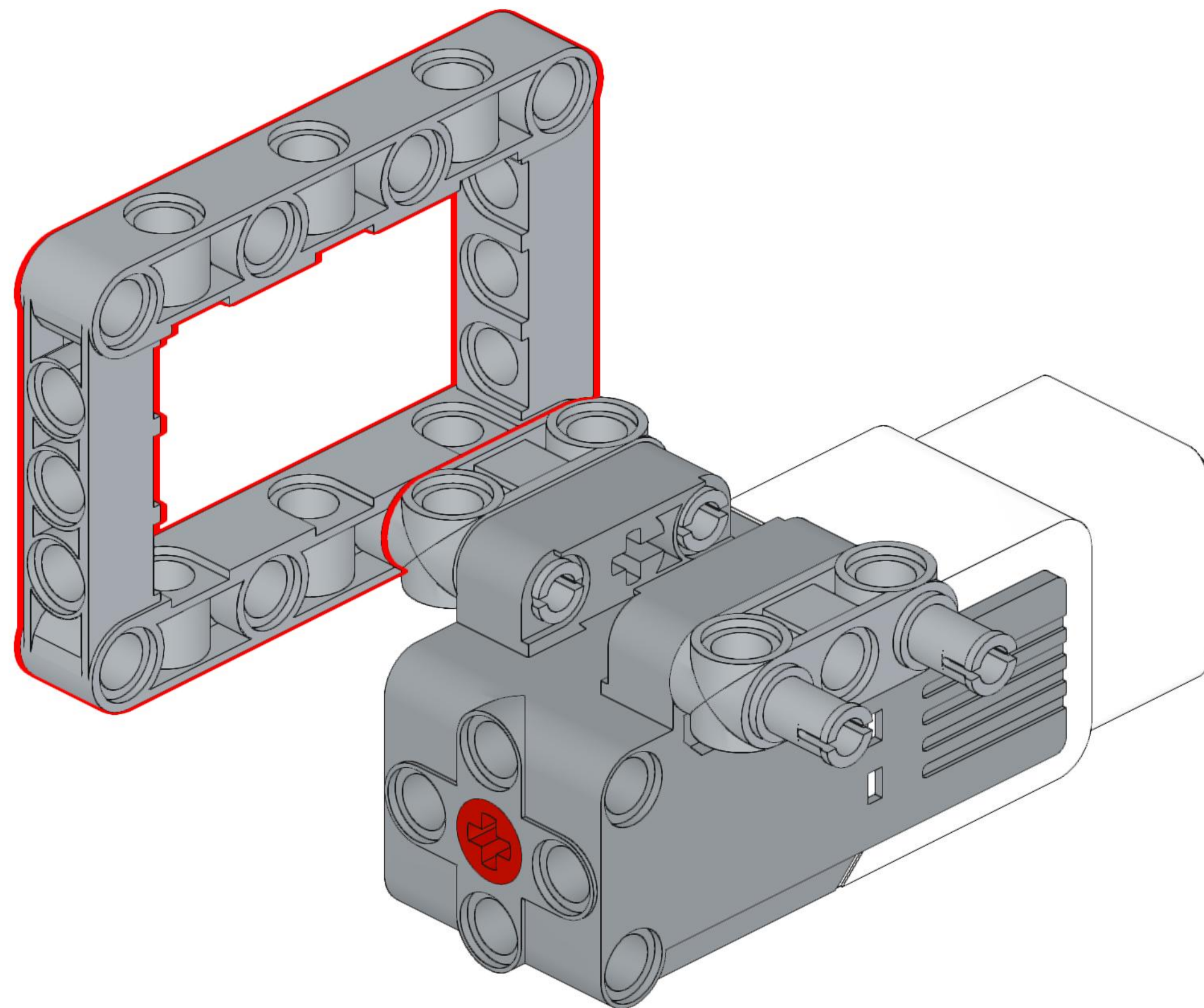
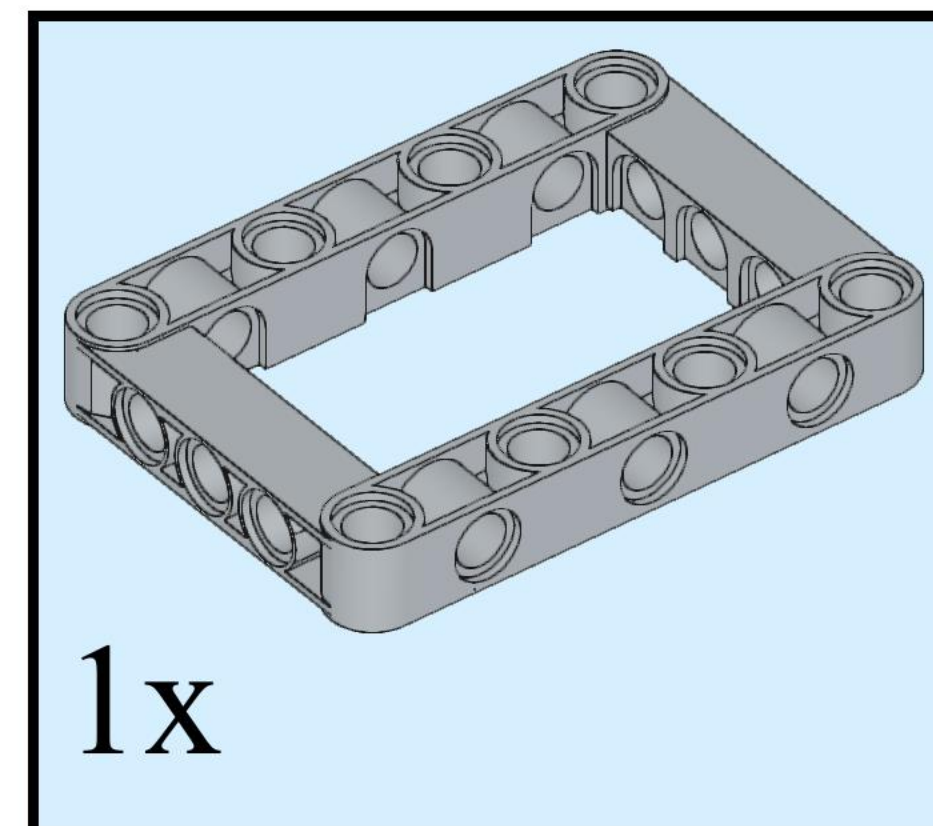


4x
6558
Blue

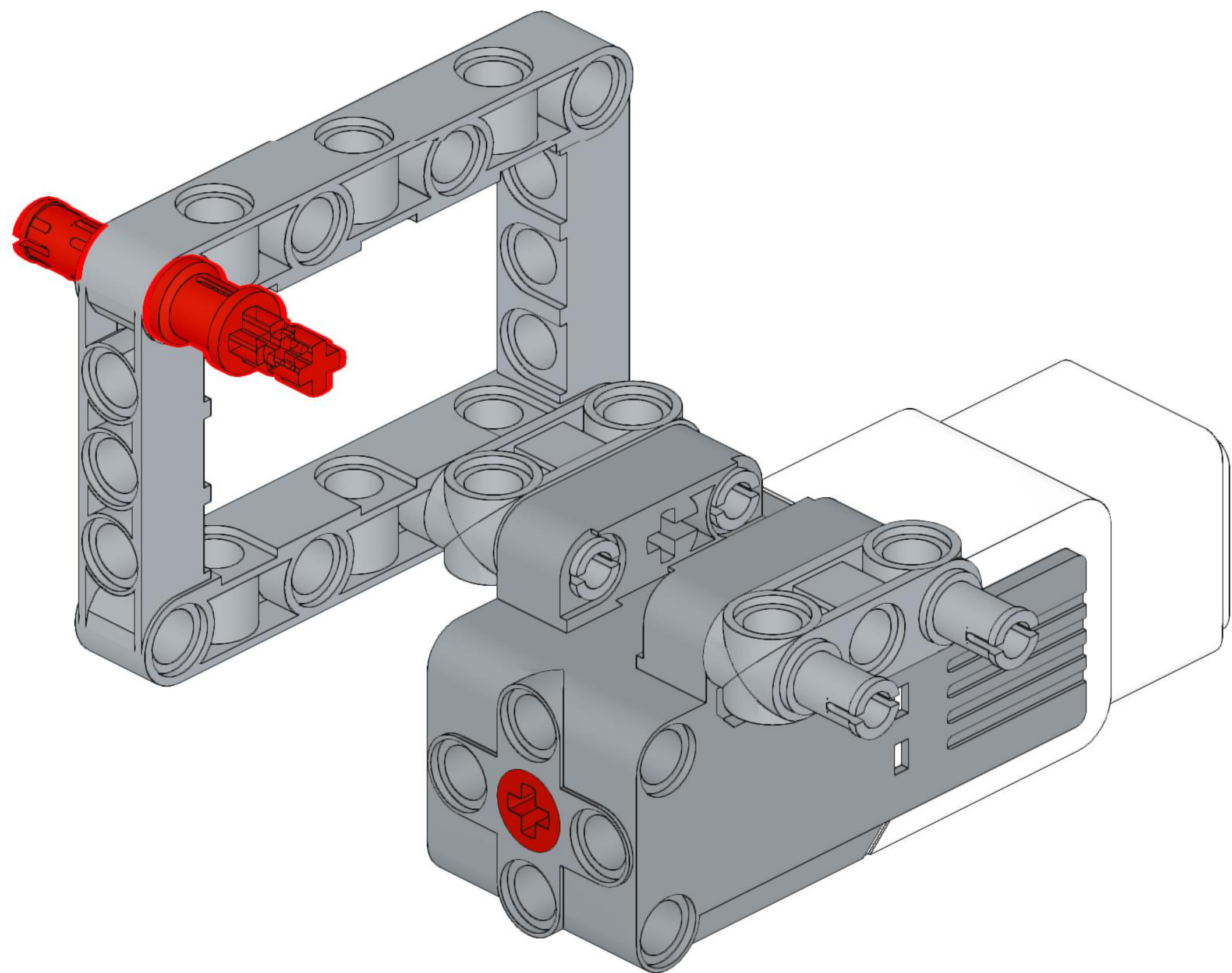
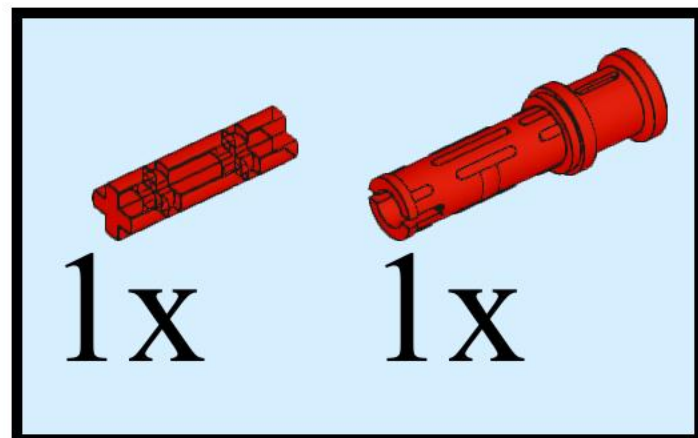
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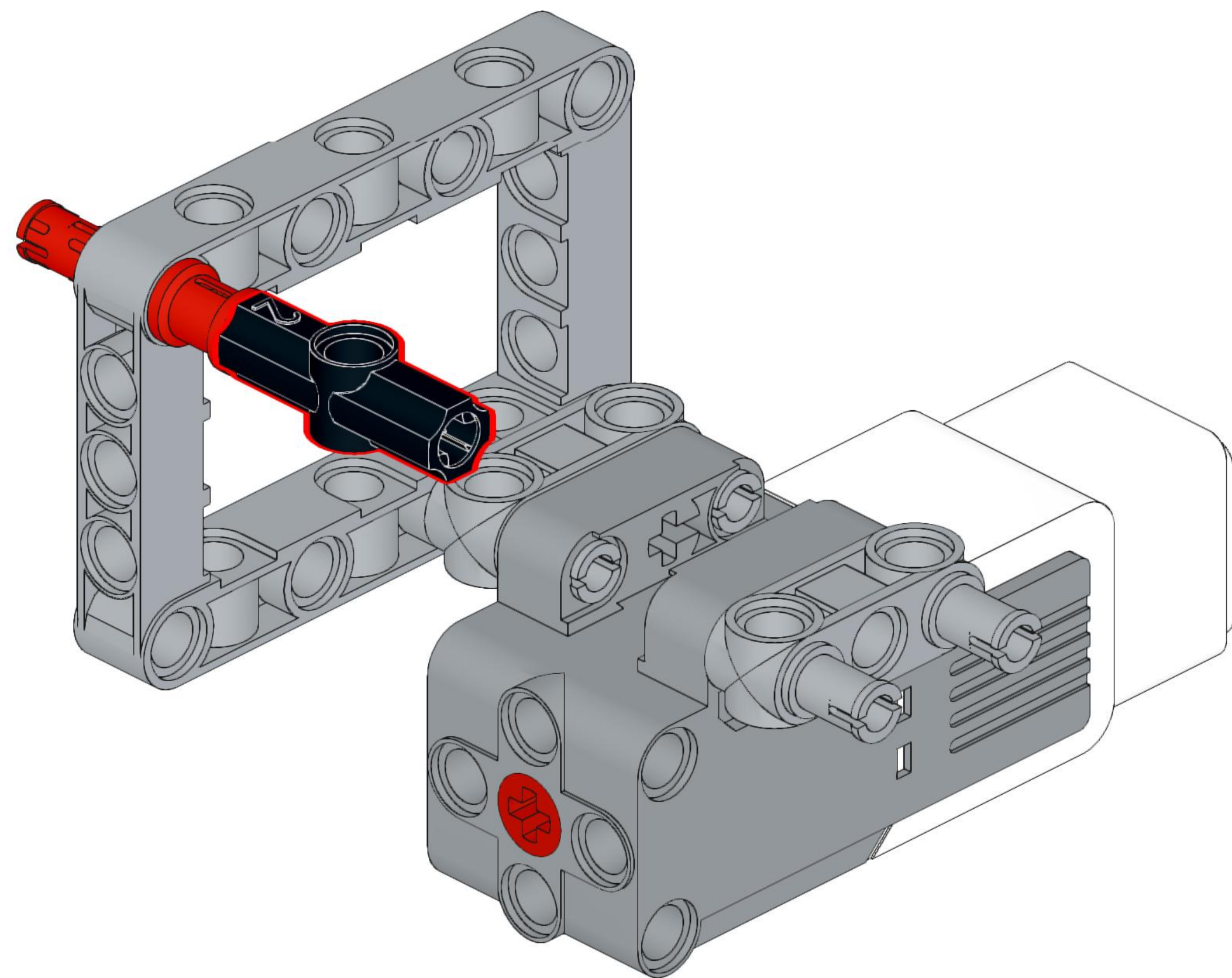
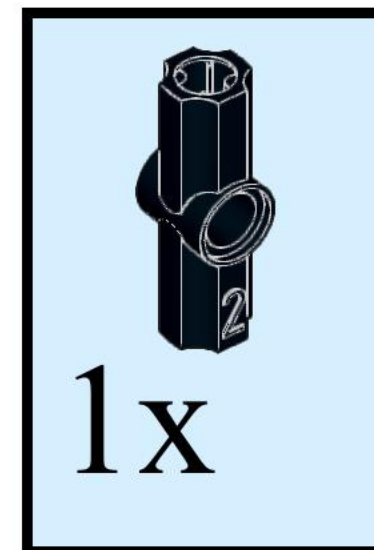
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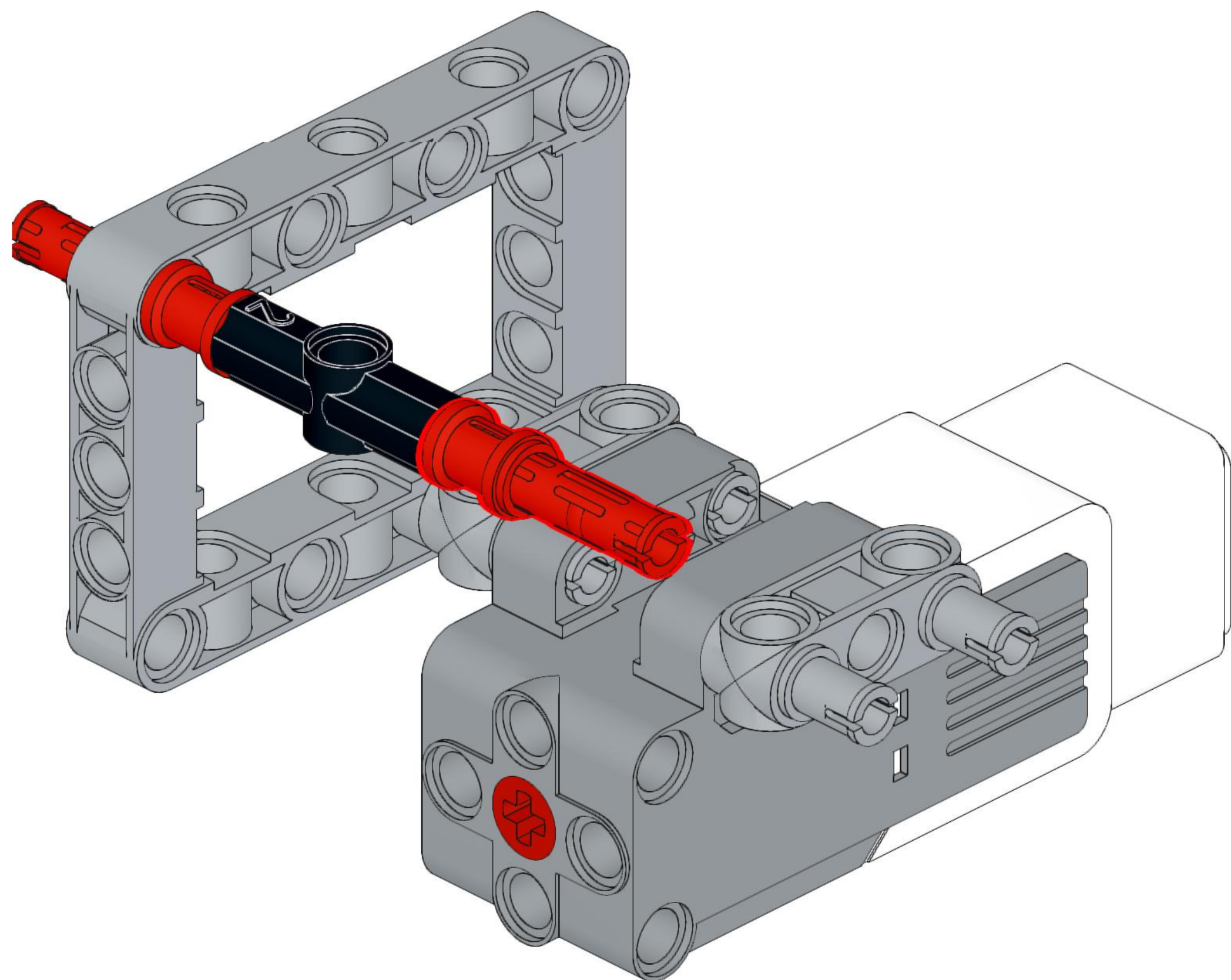
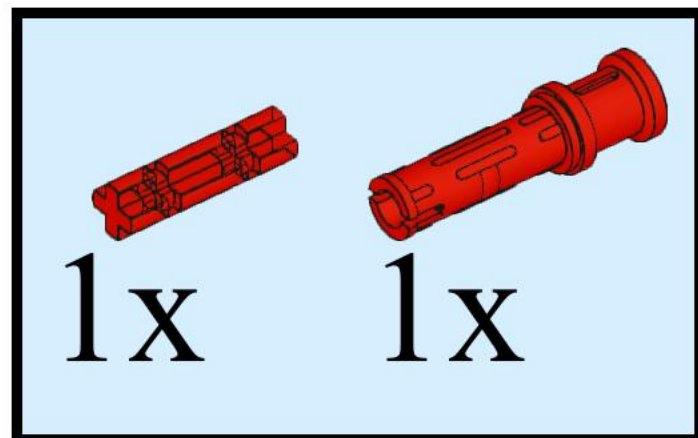
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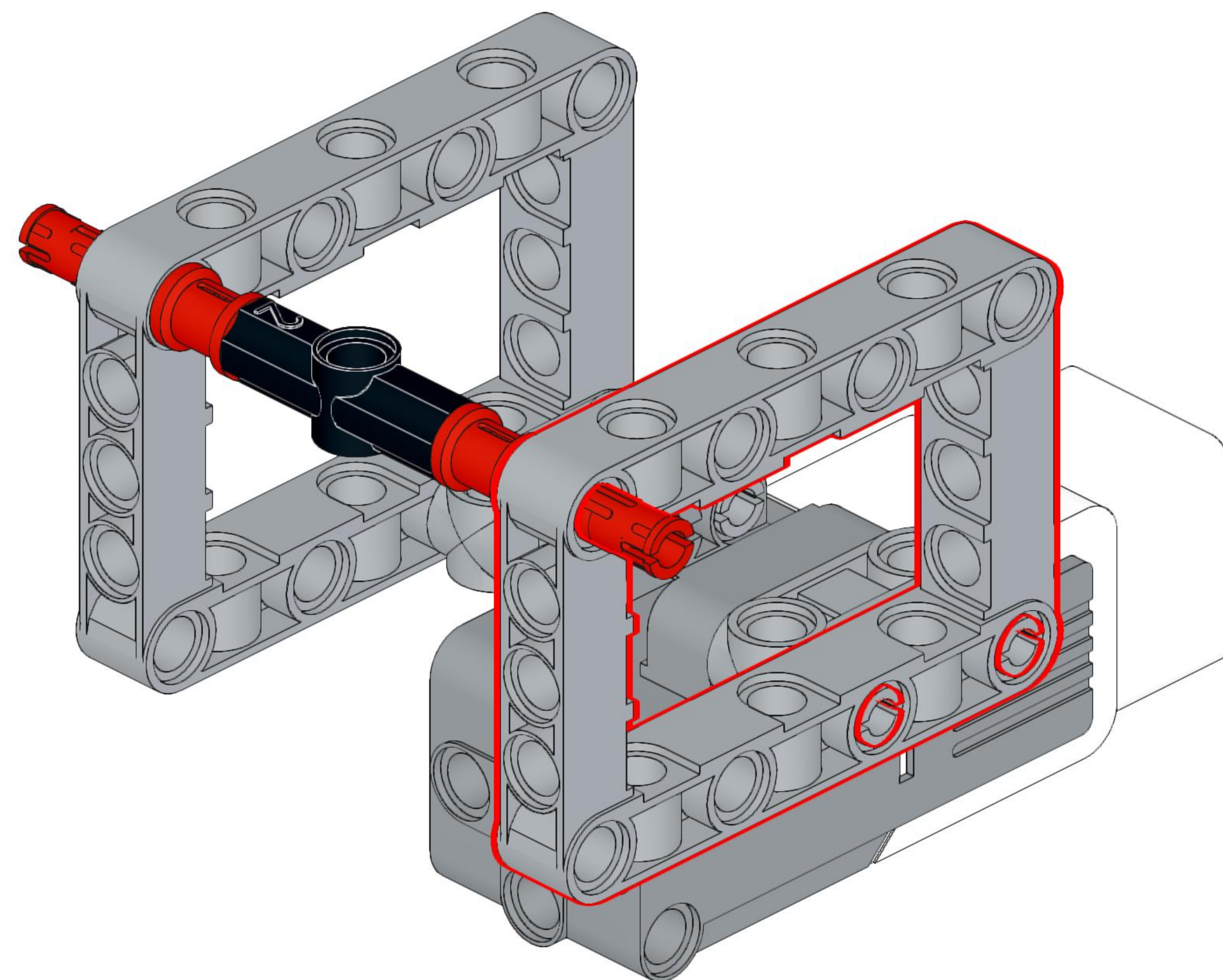
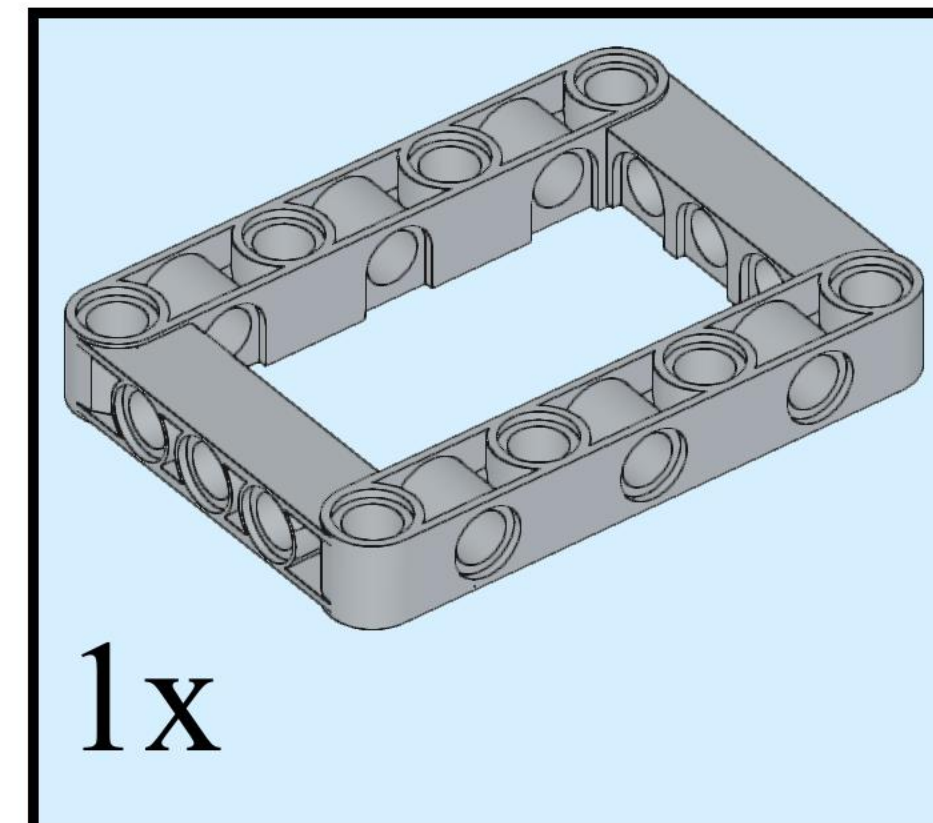
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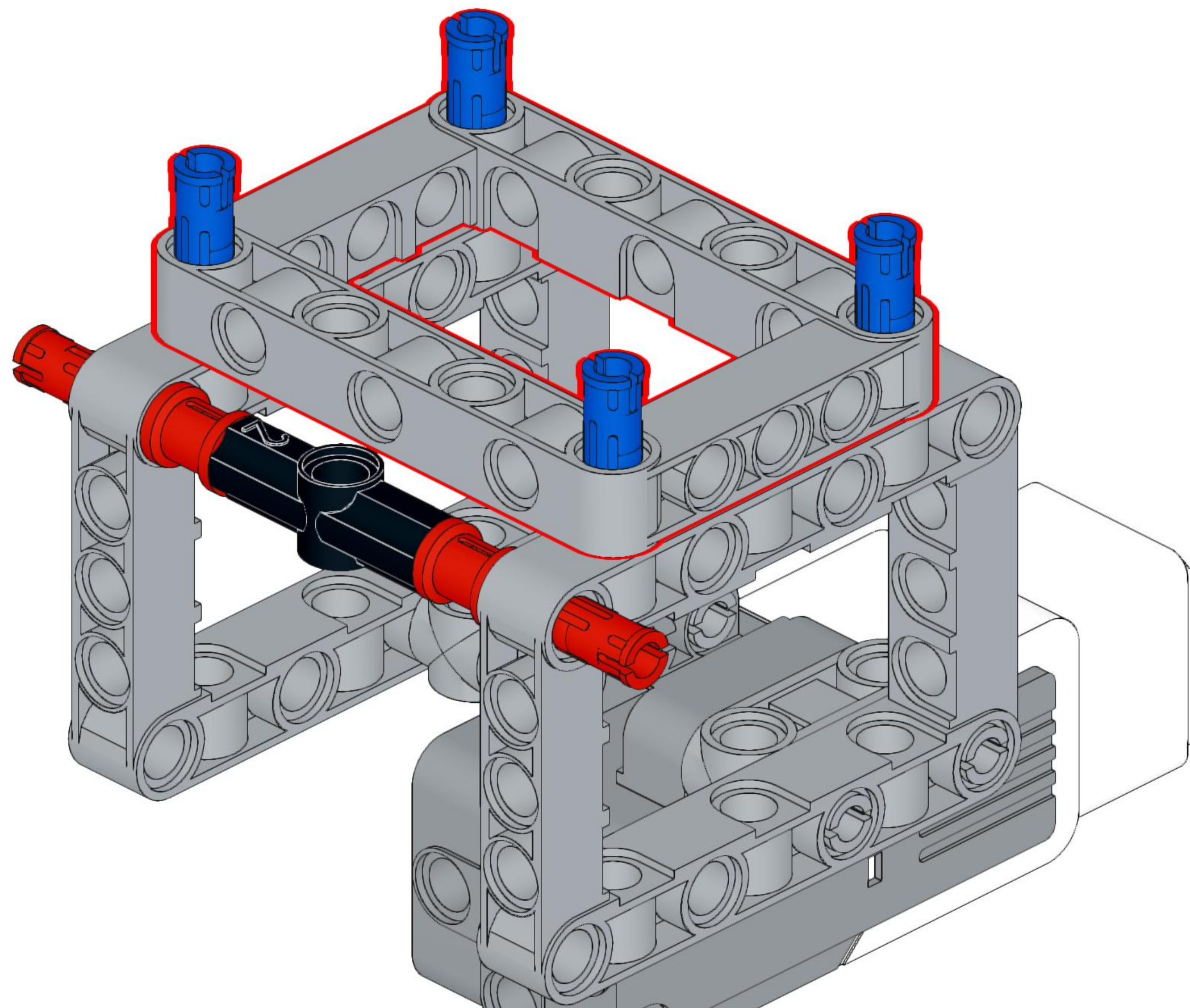
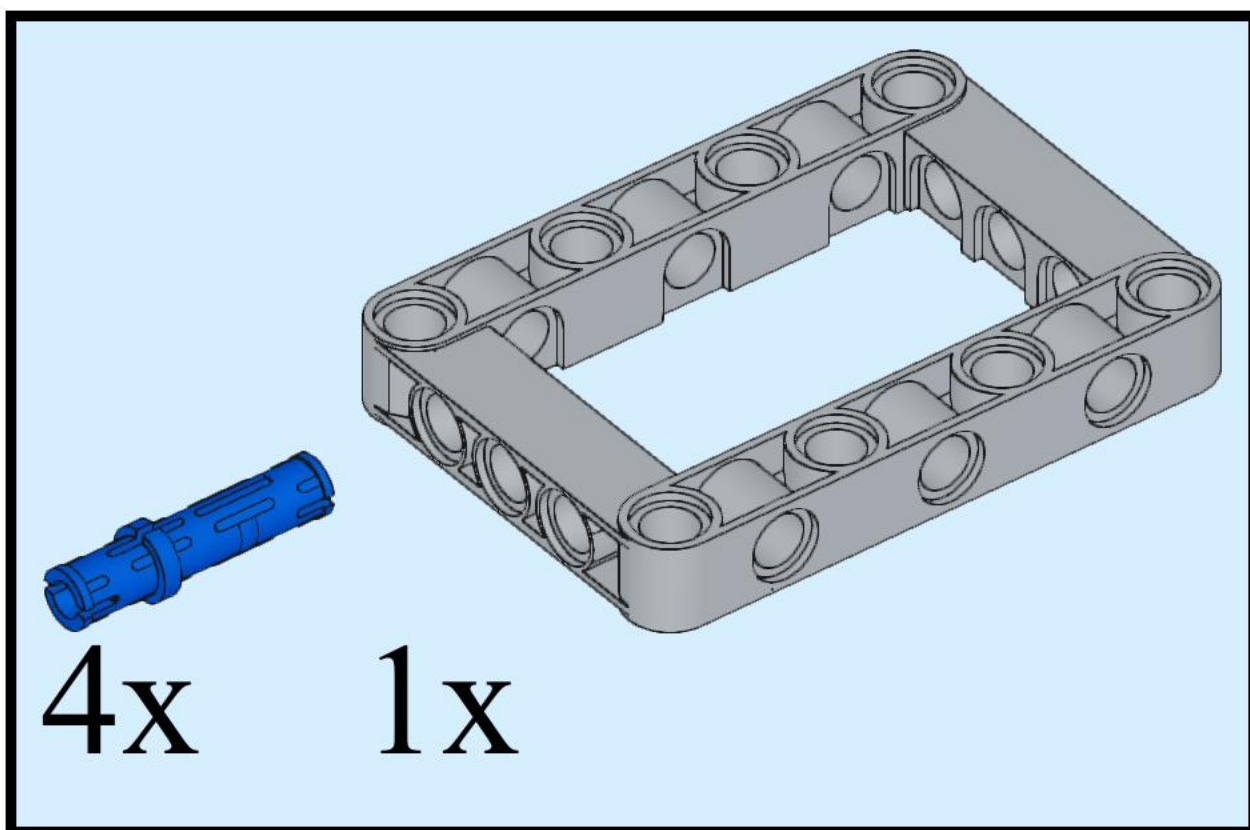
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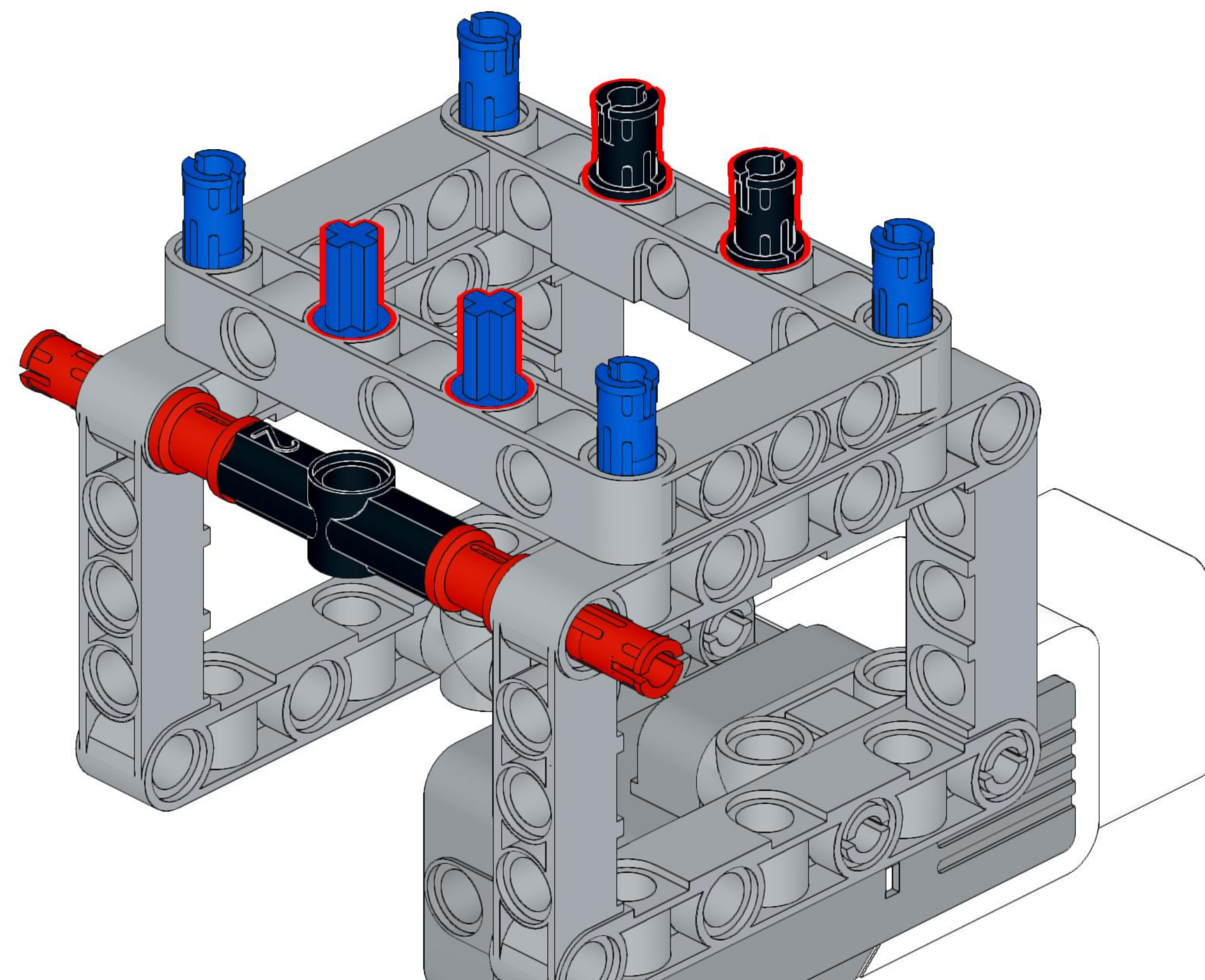
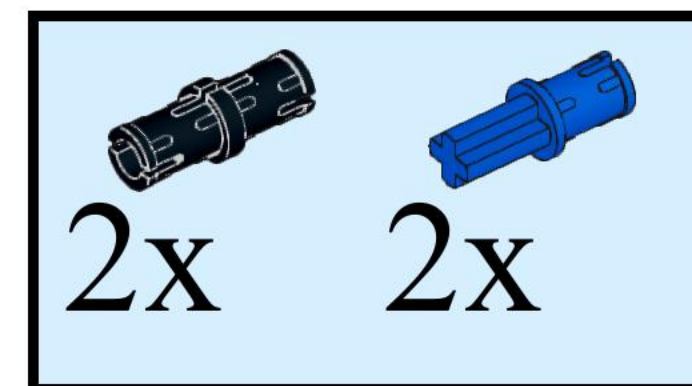
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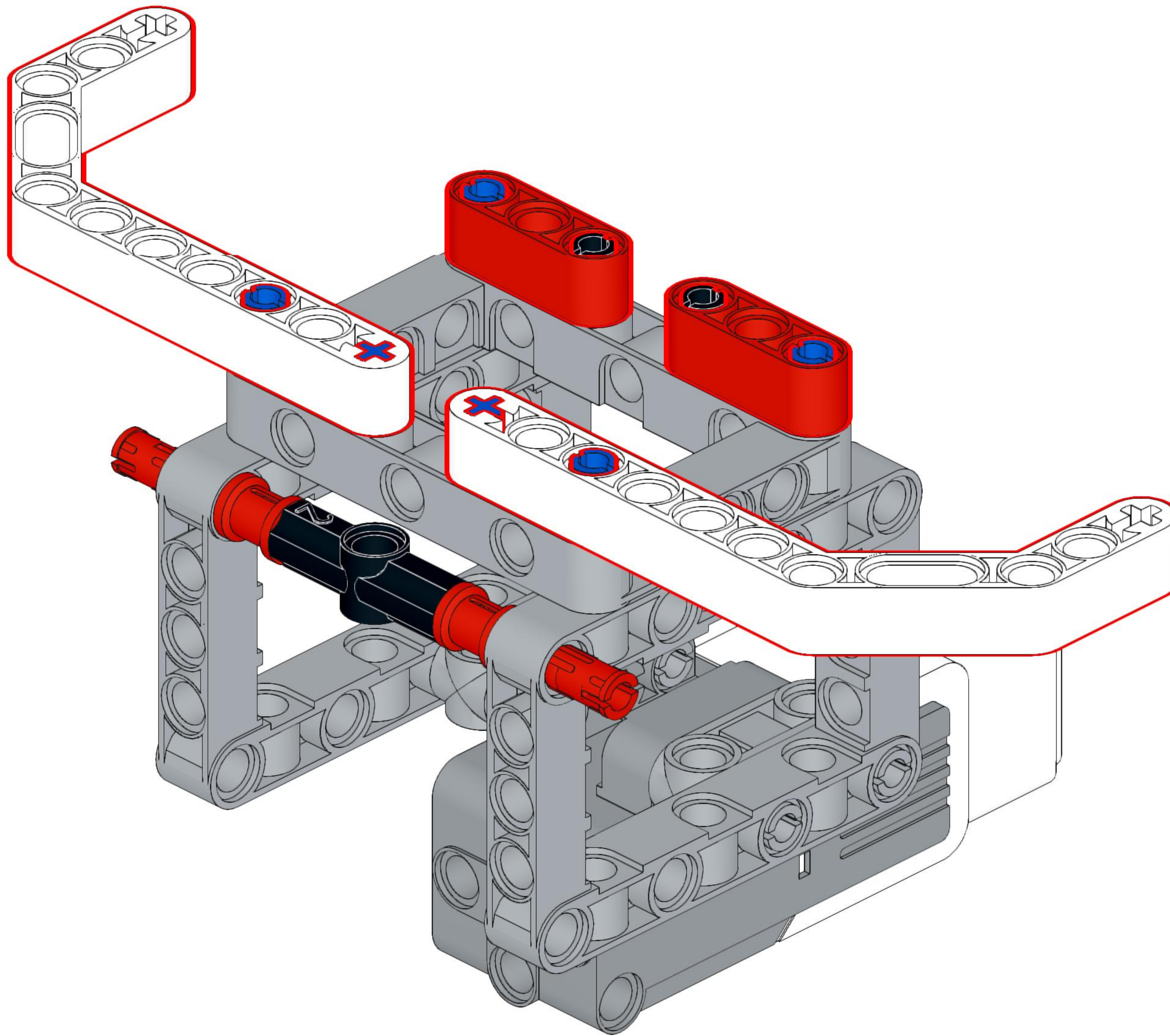
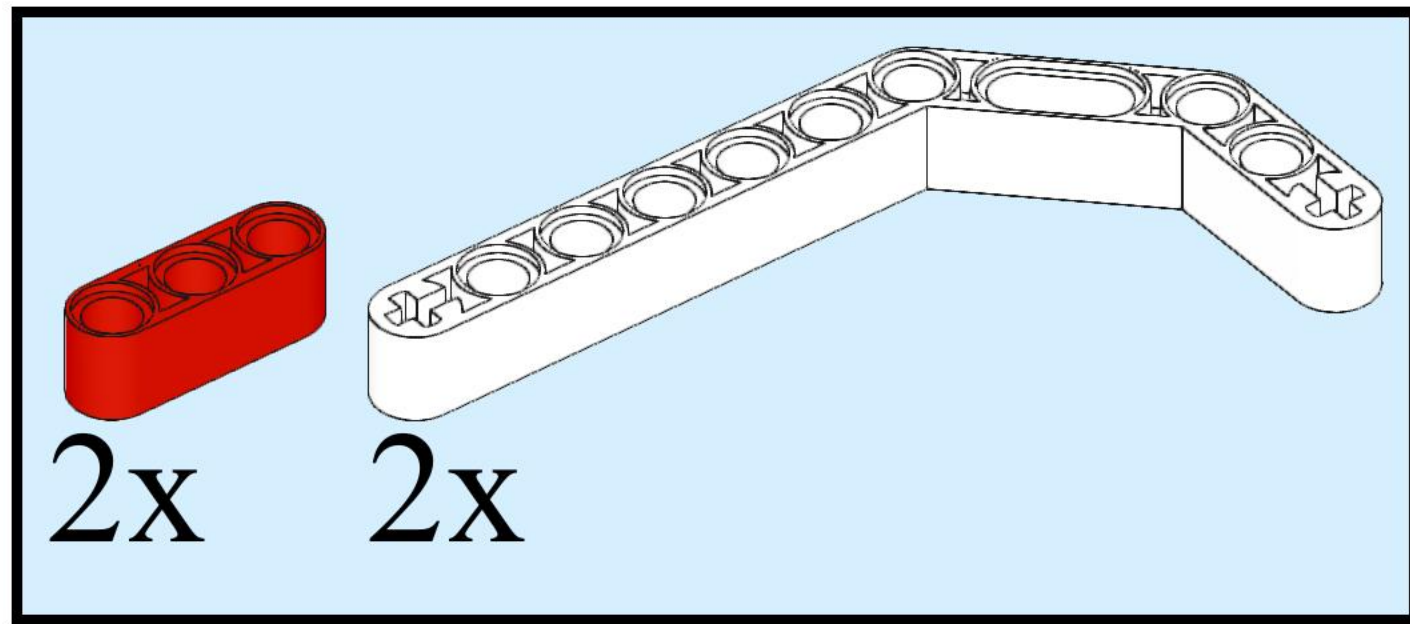
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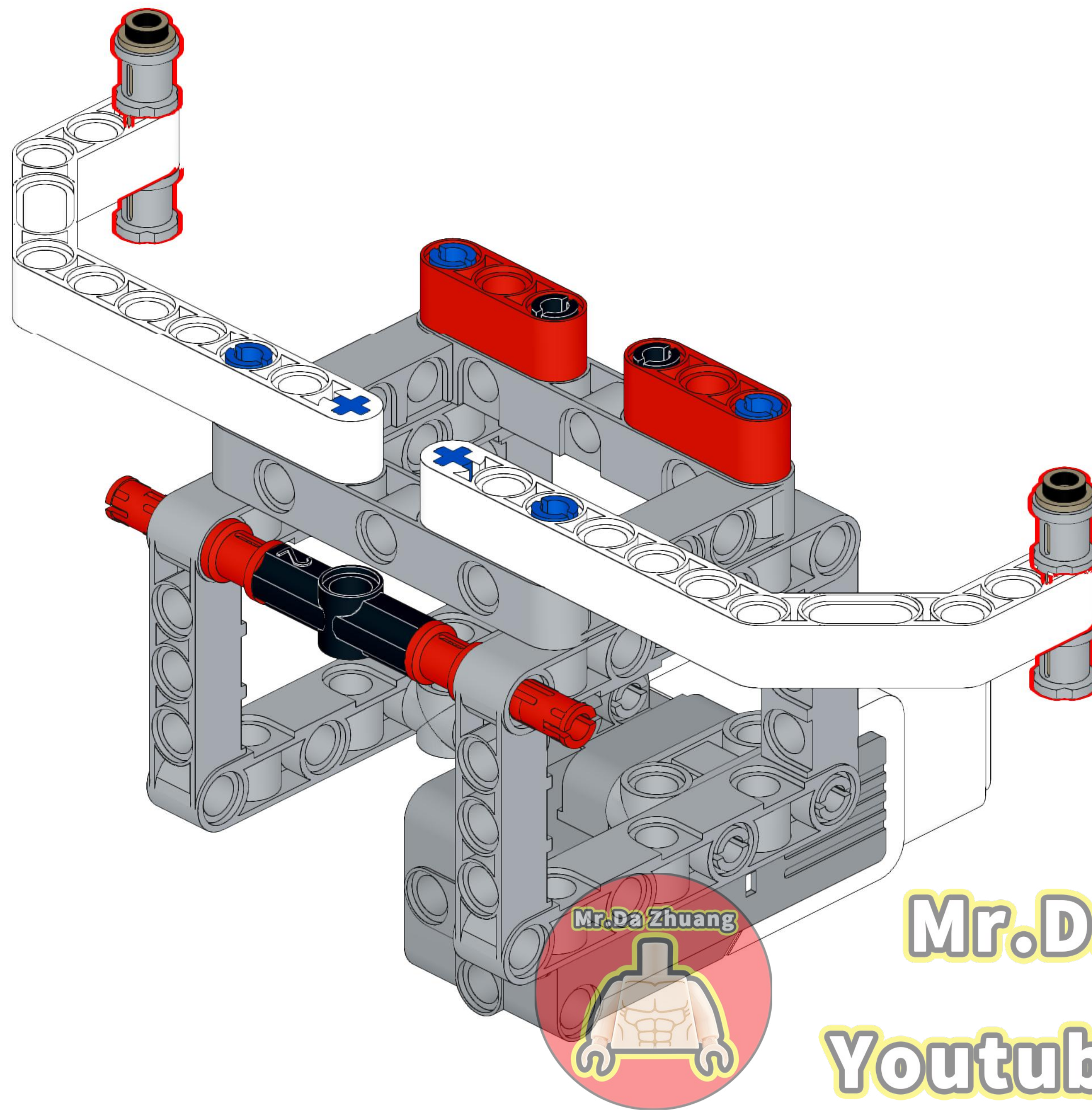
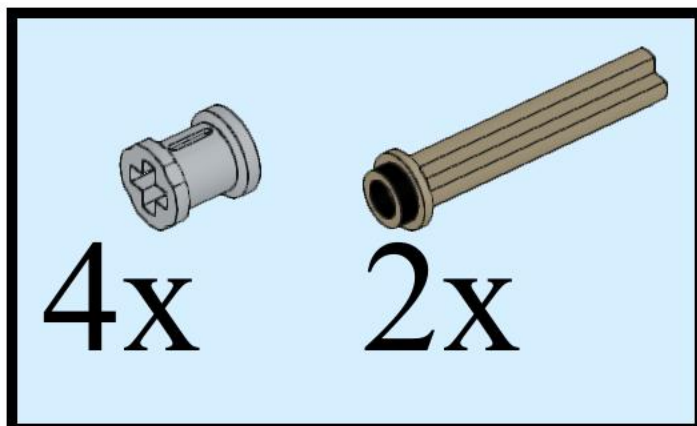
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9



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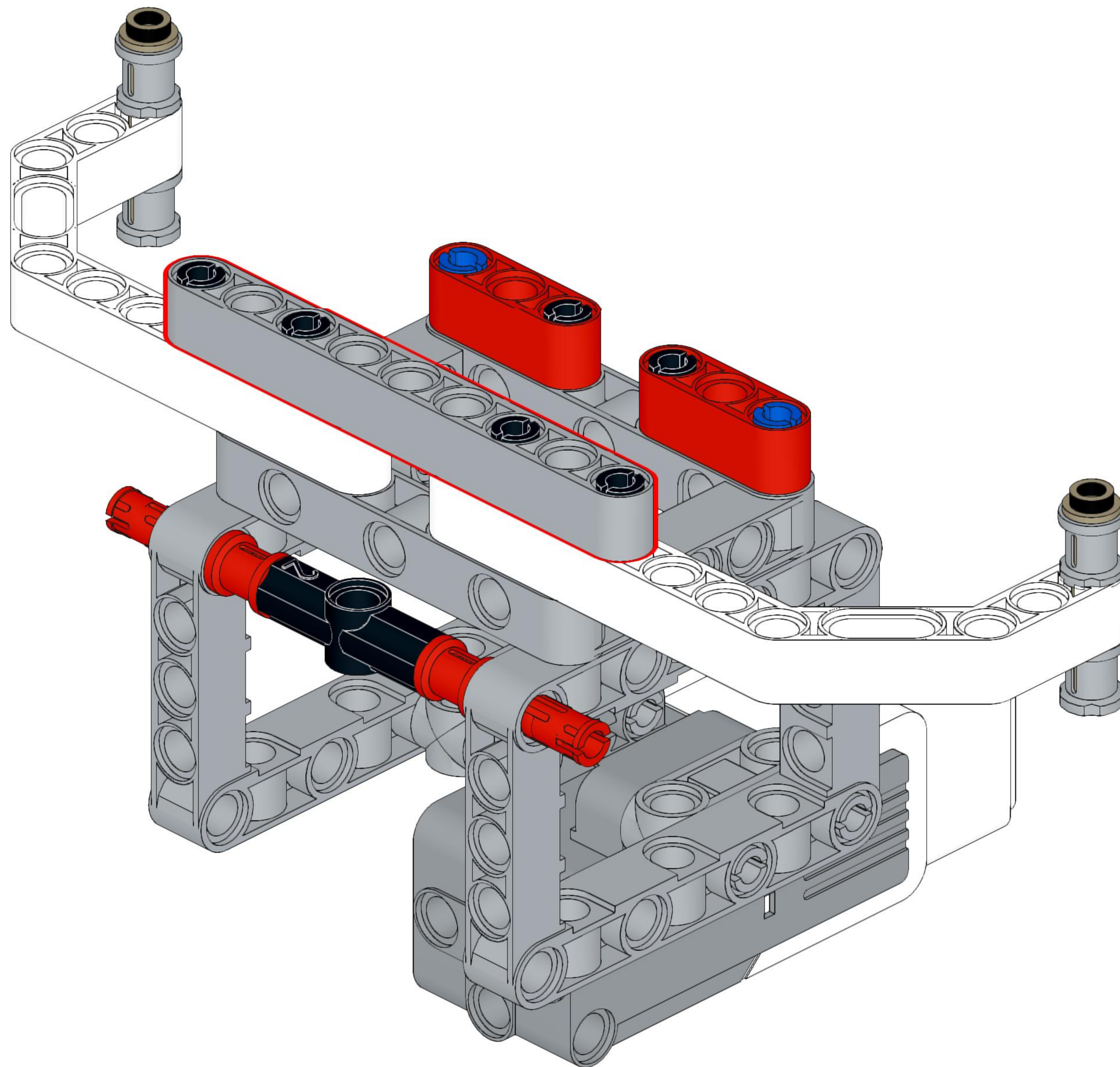
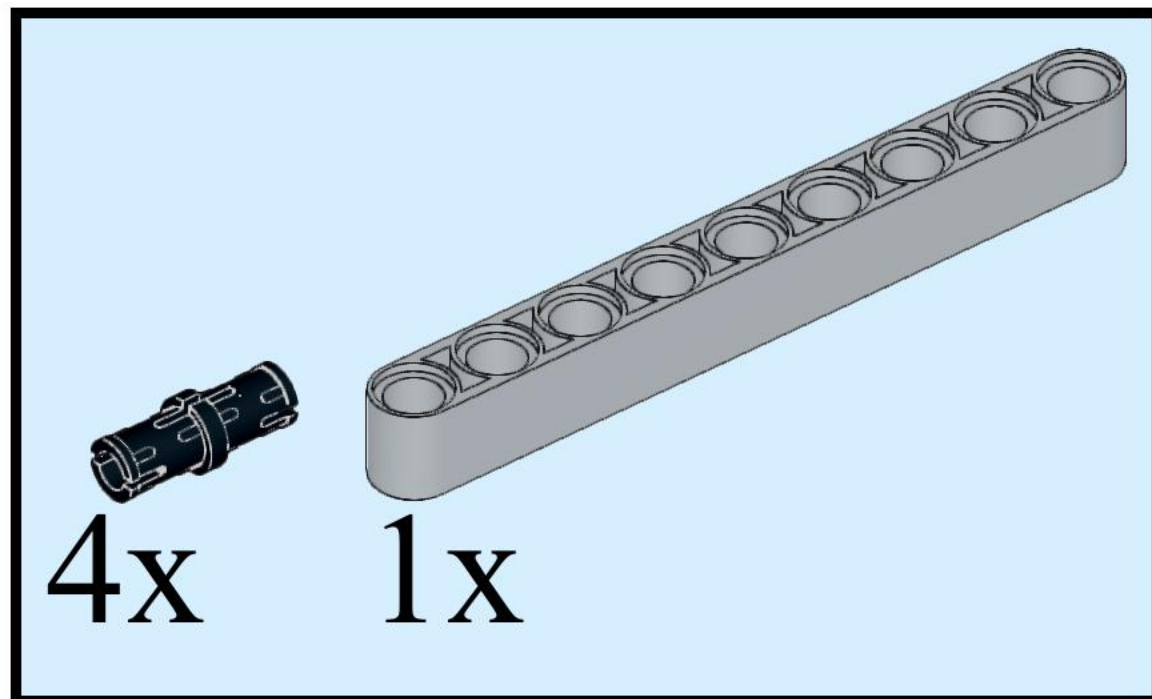


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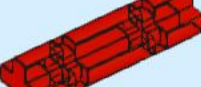
Mr.Da Zhuang

Youtube  me!

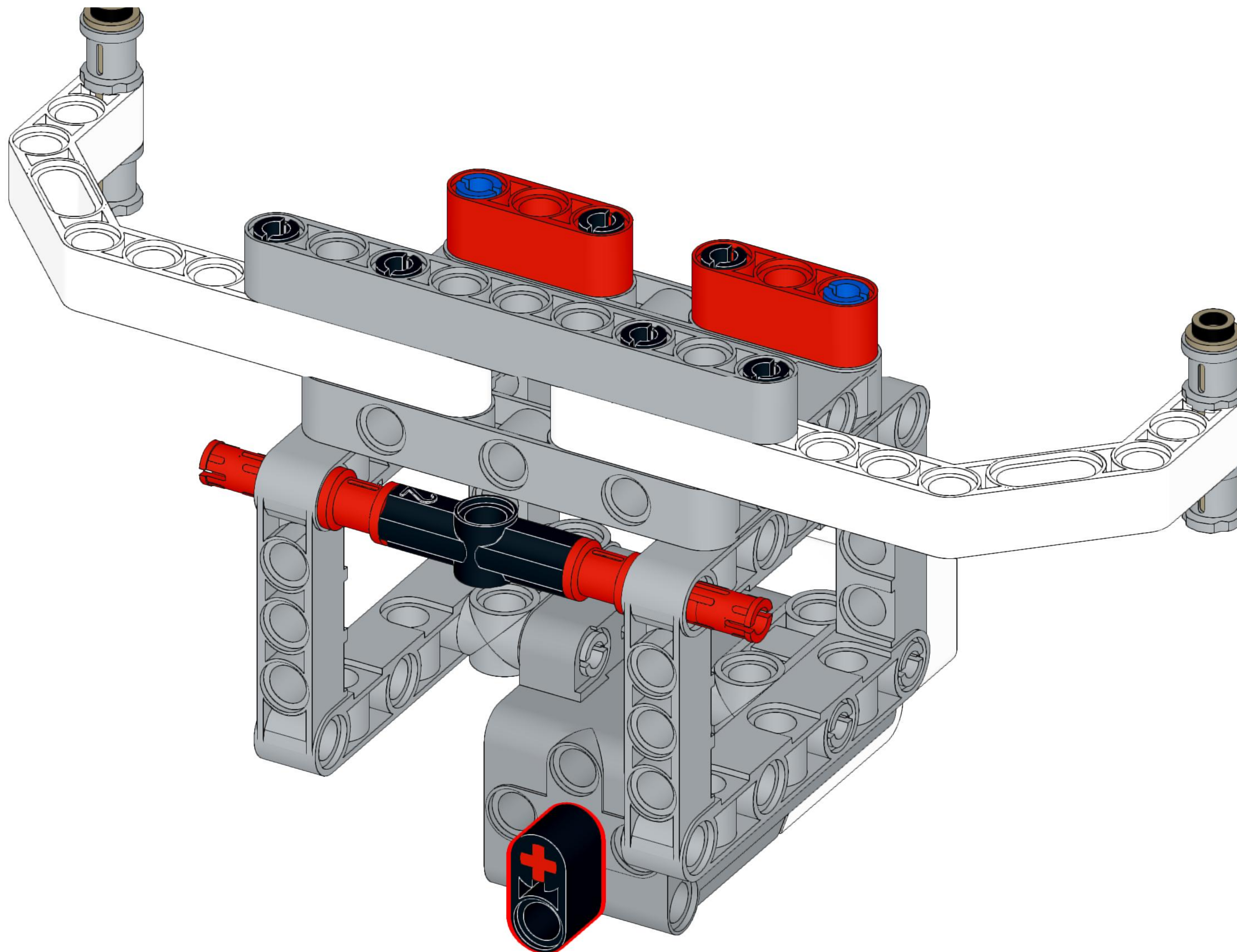
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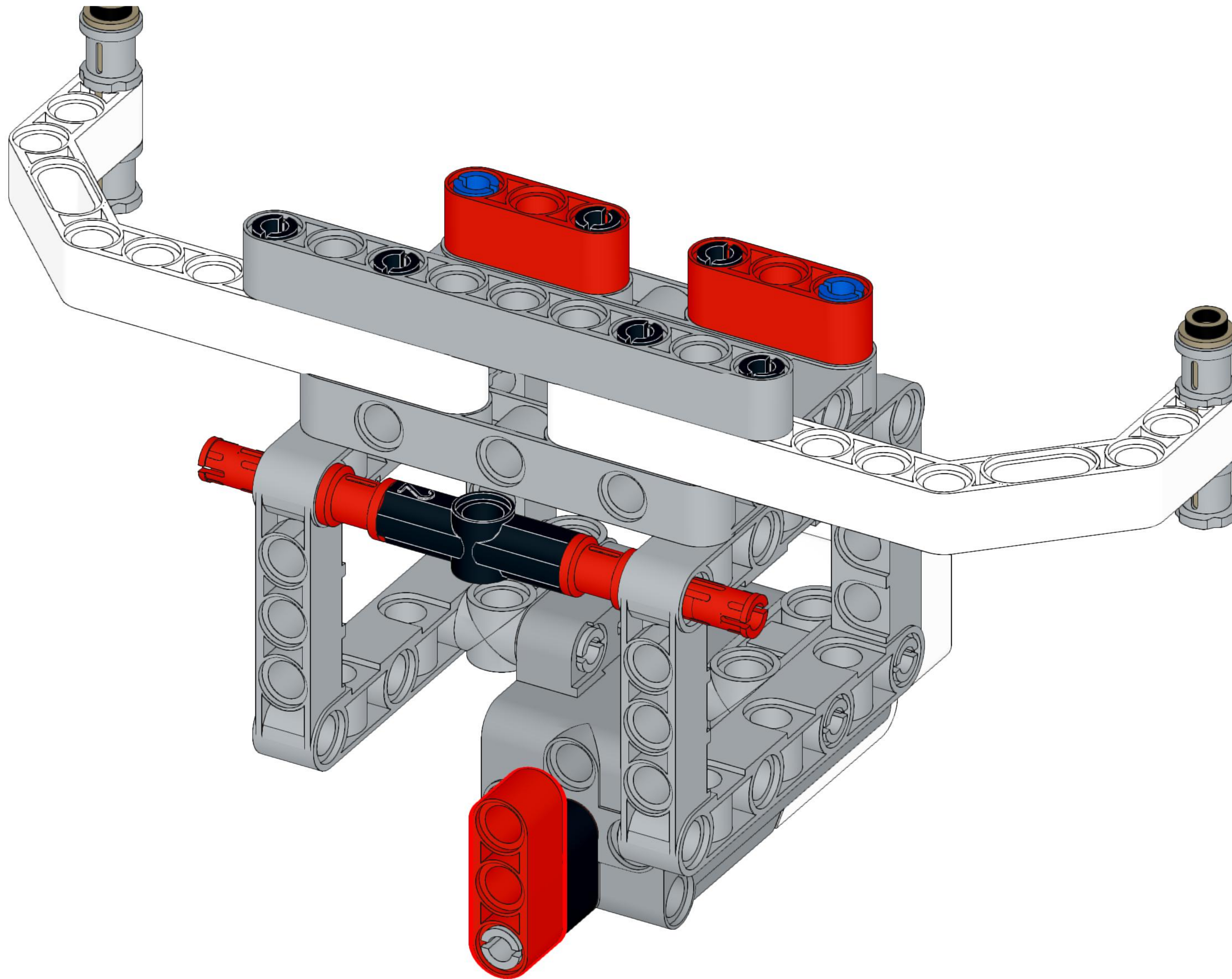
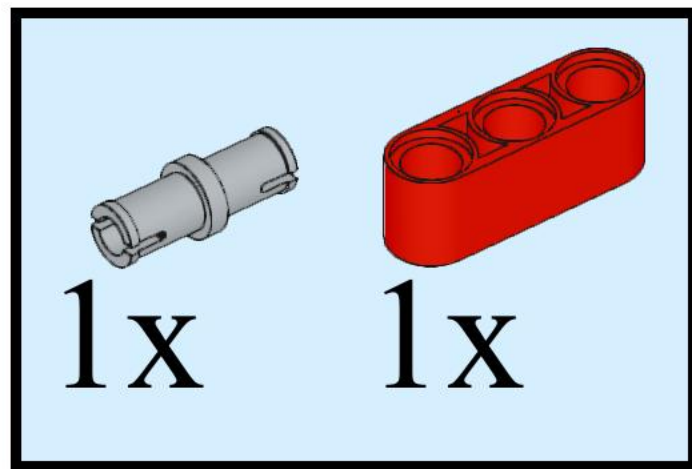
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 1x	 1x
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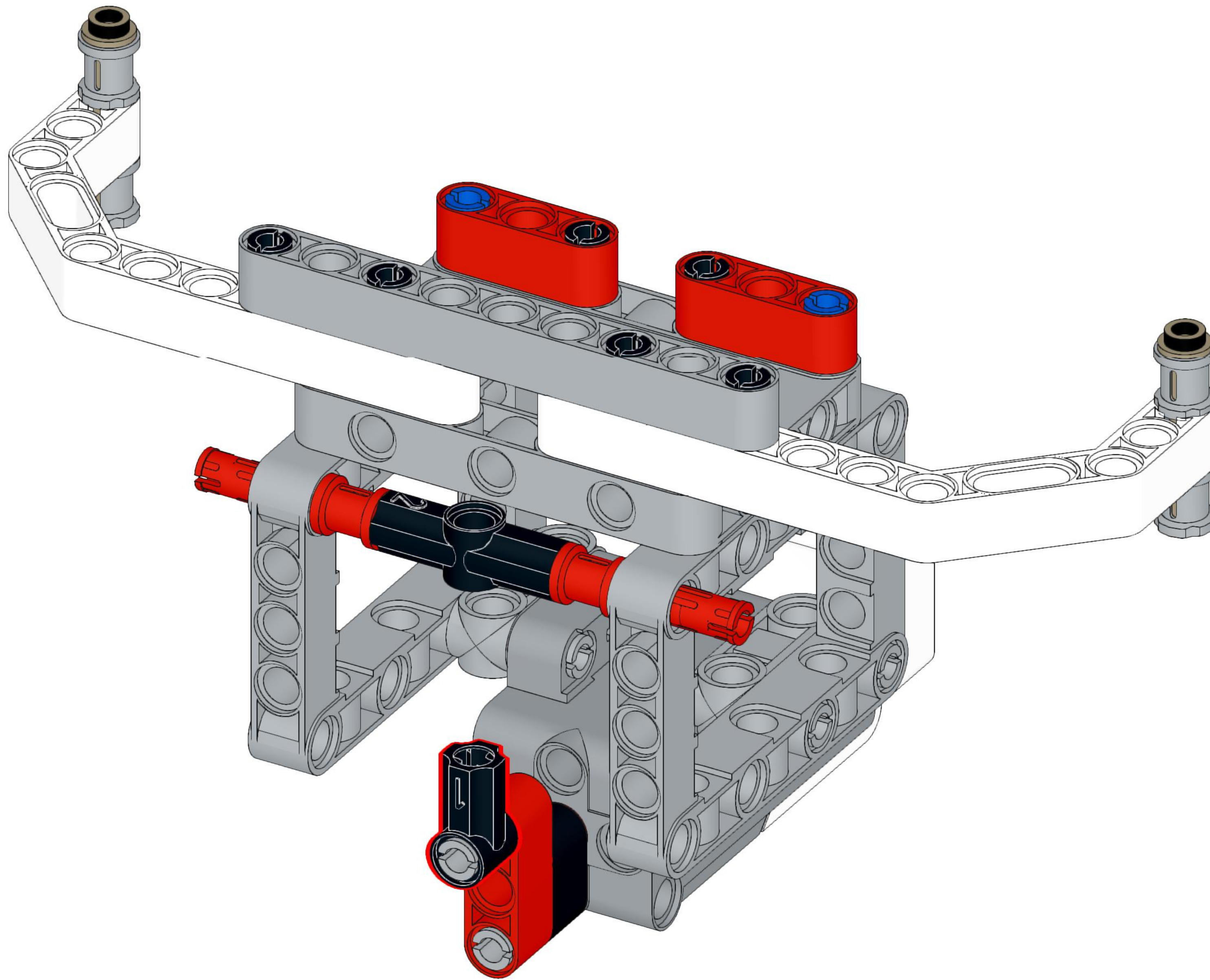
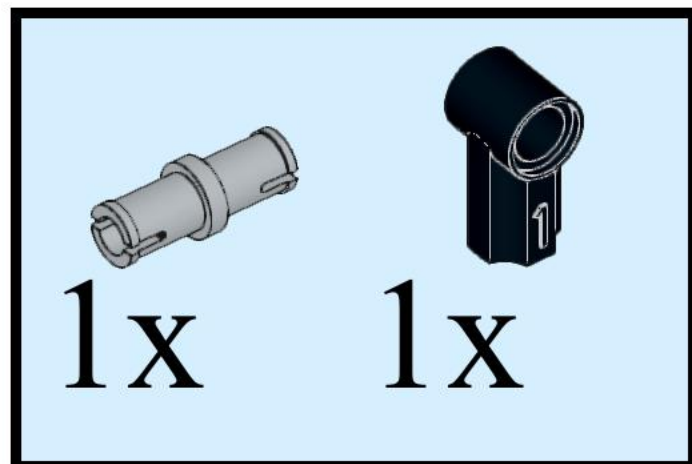
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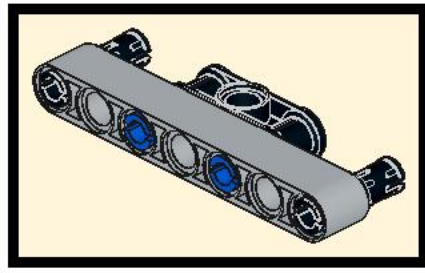
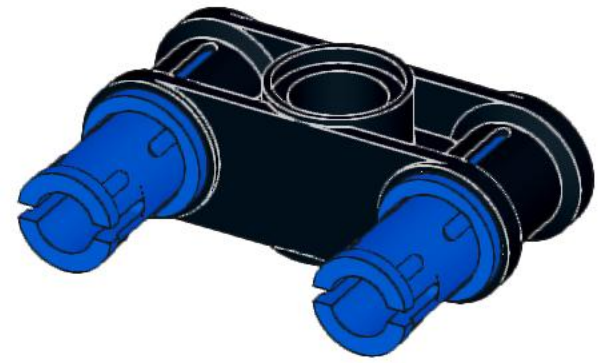
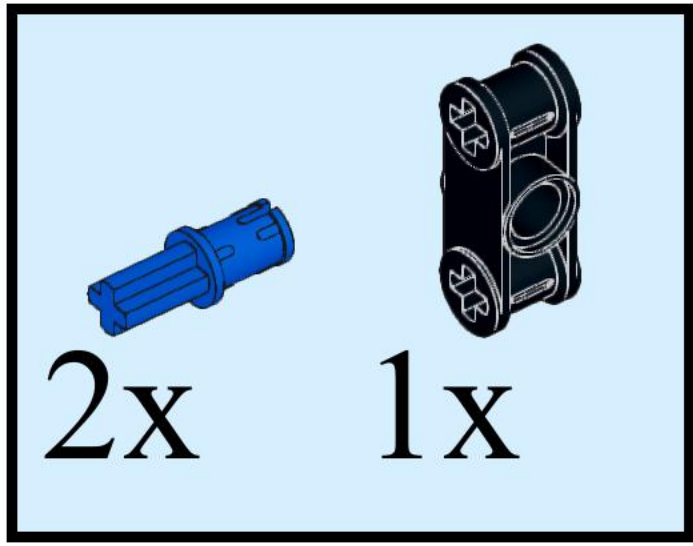
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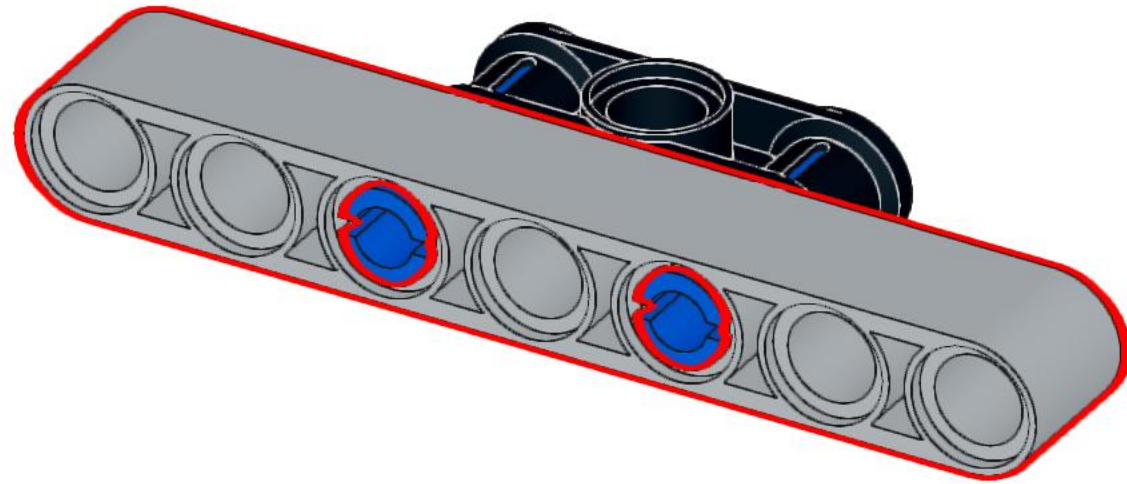
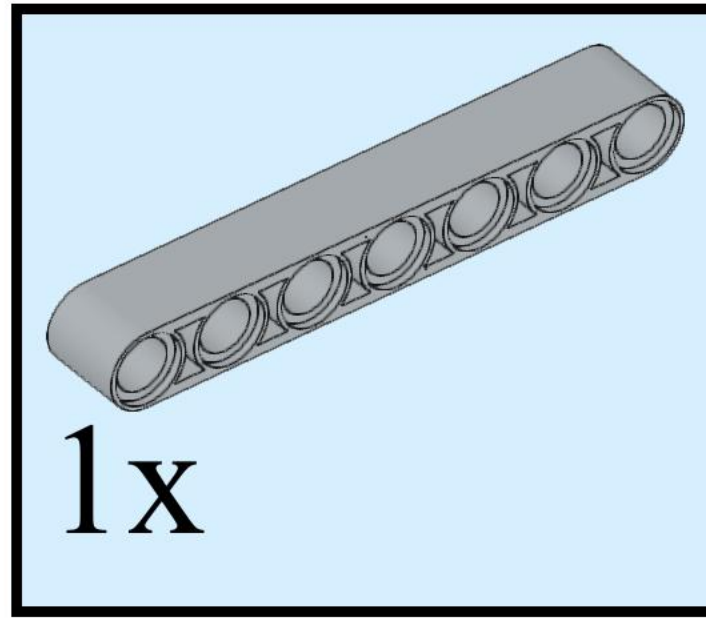
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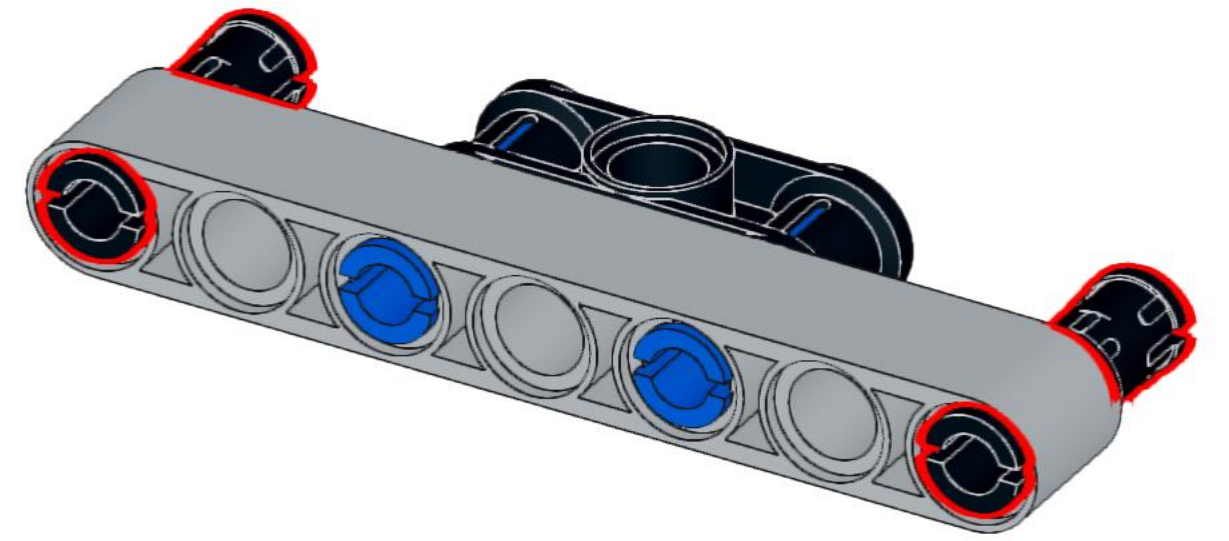
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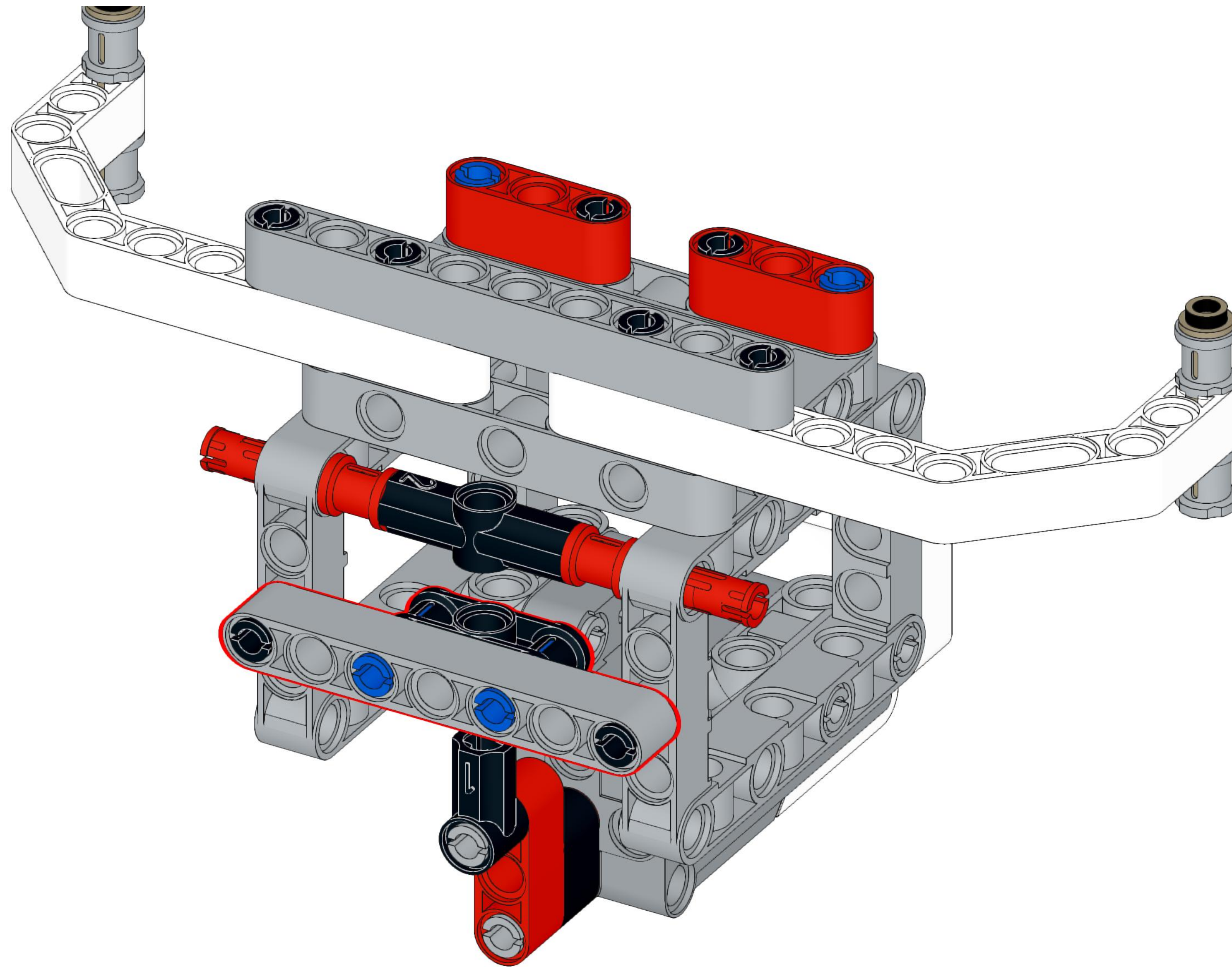
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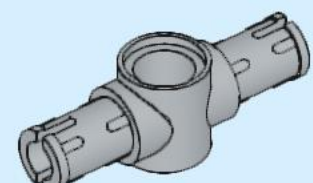
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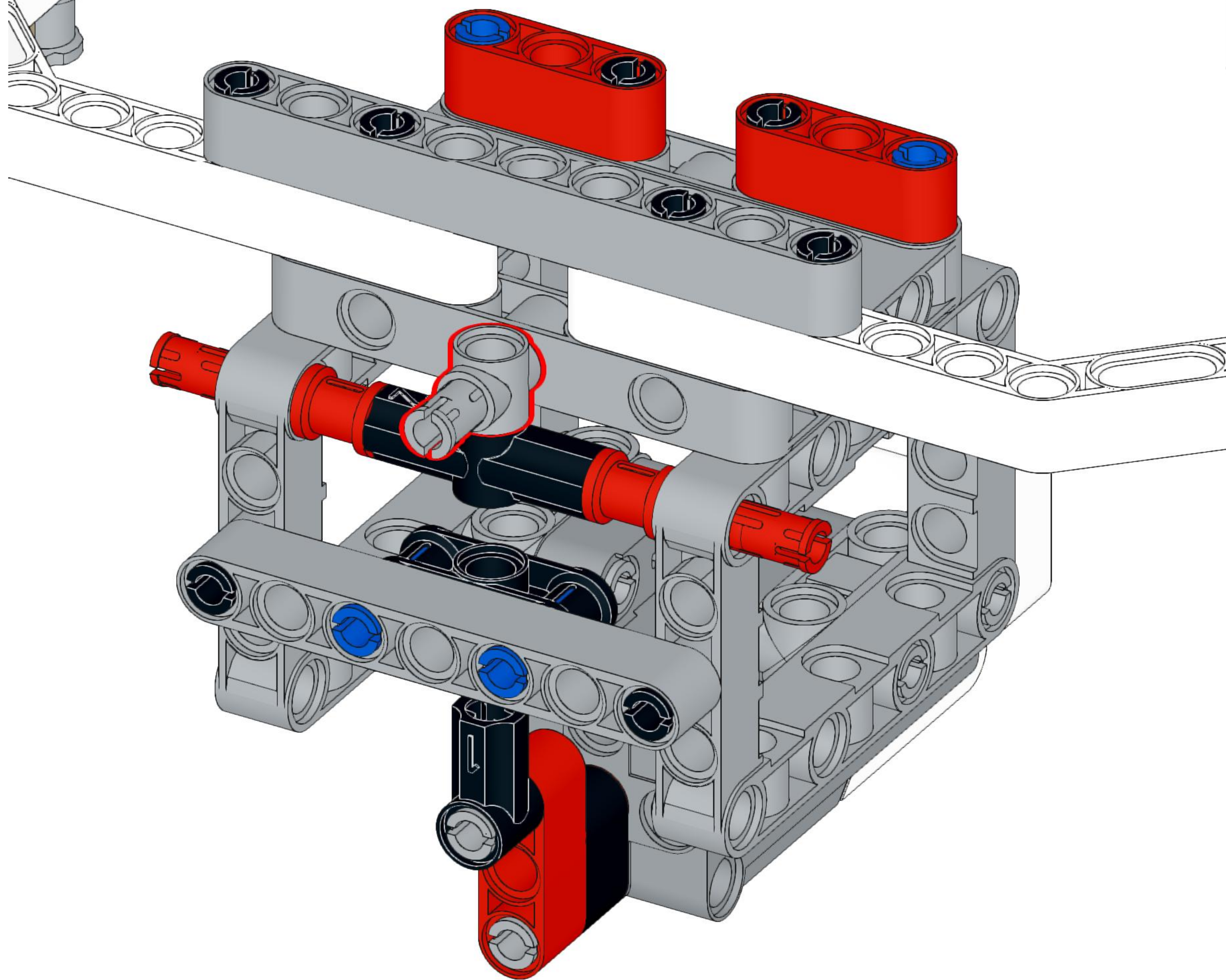
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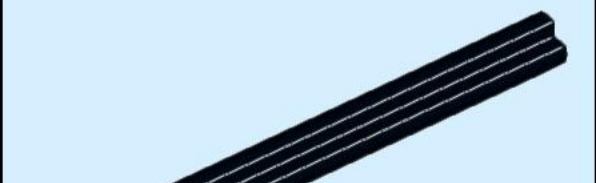
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1x

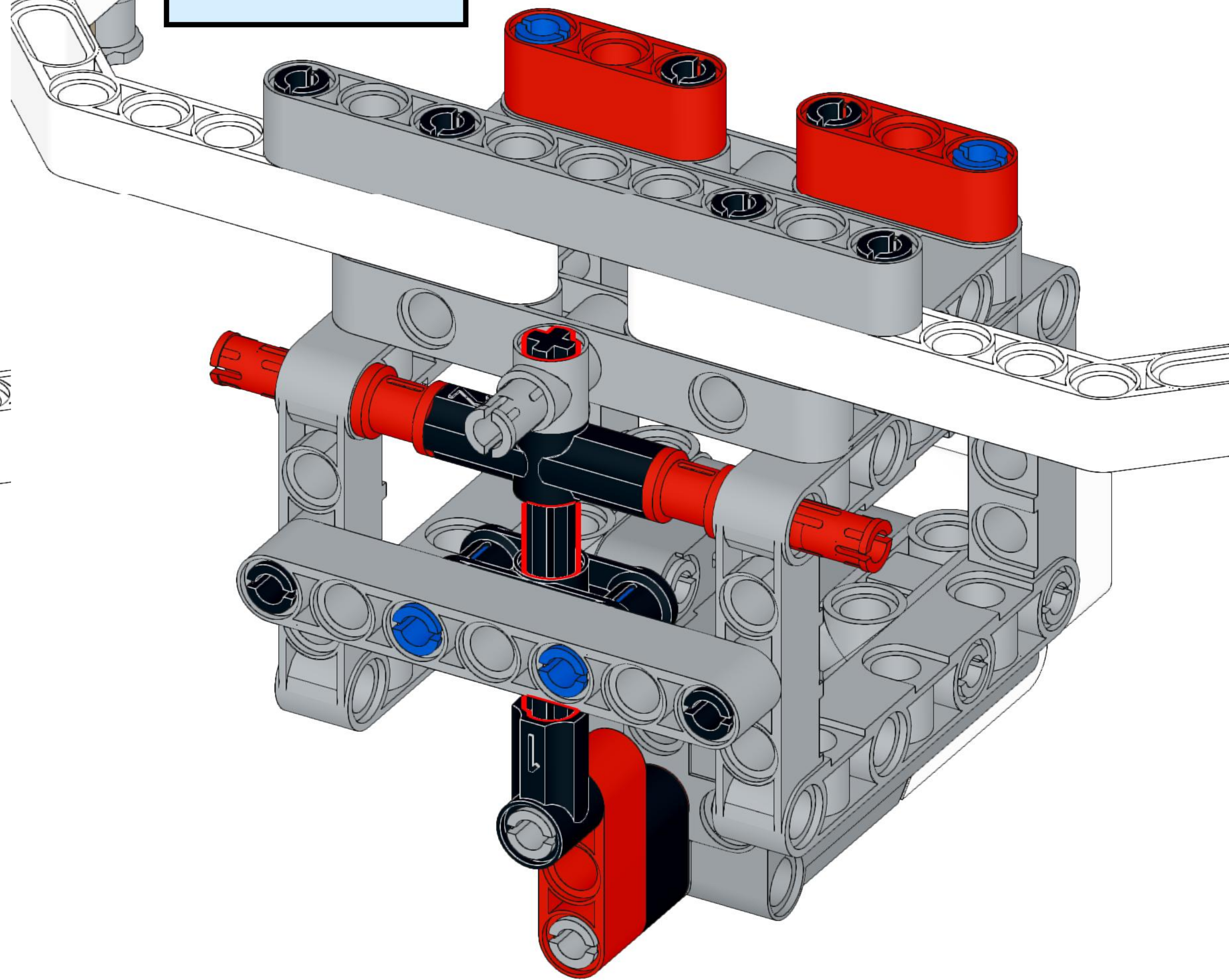


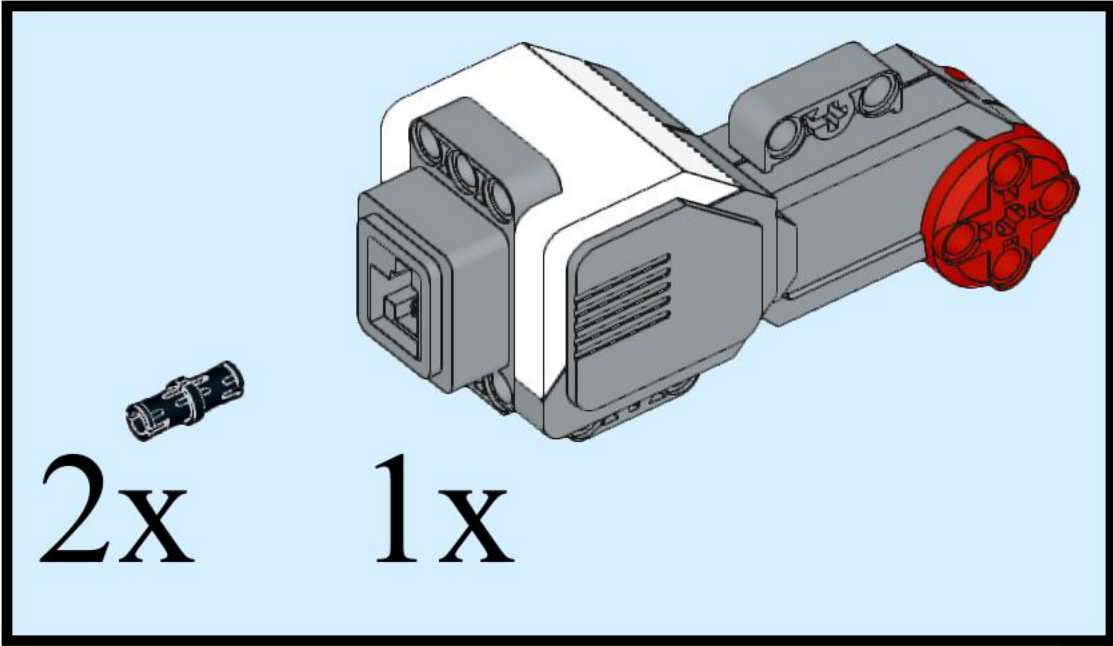
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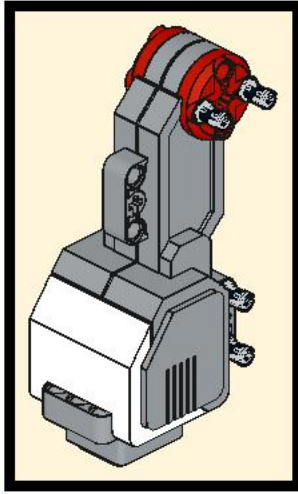
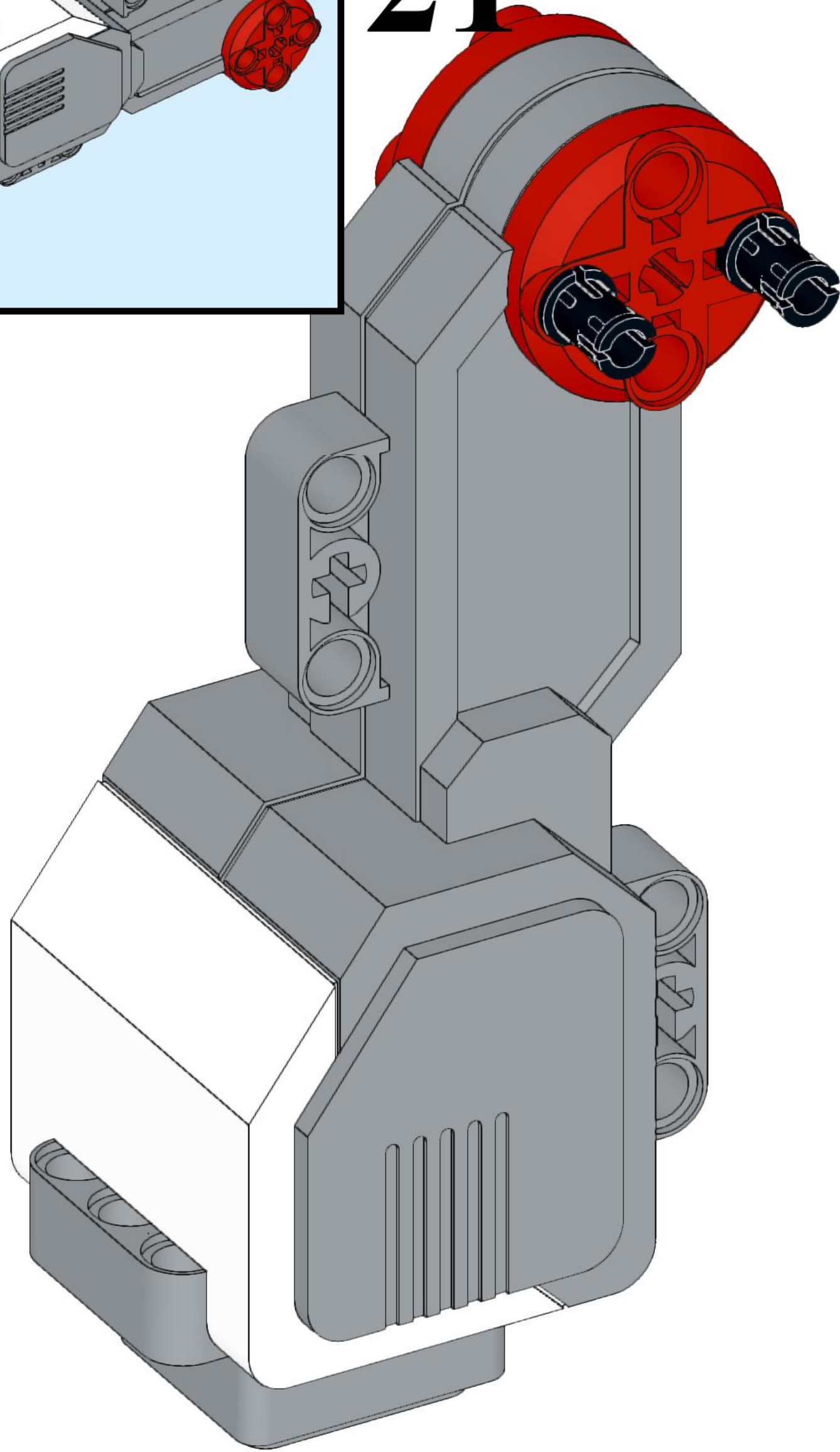
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6 1:1

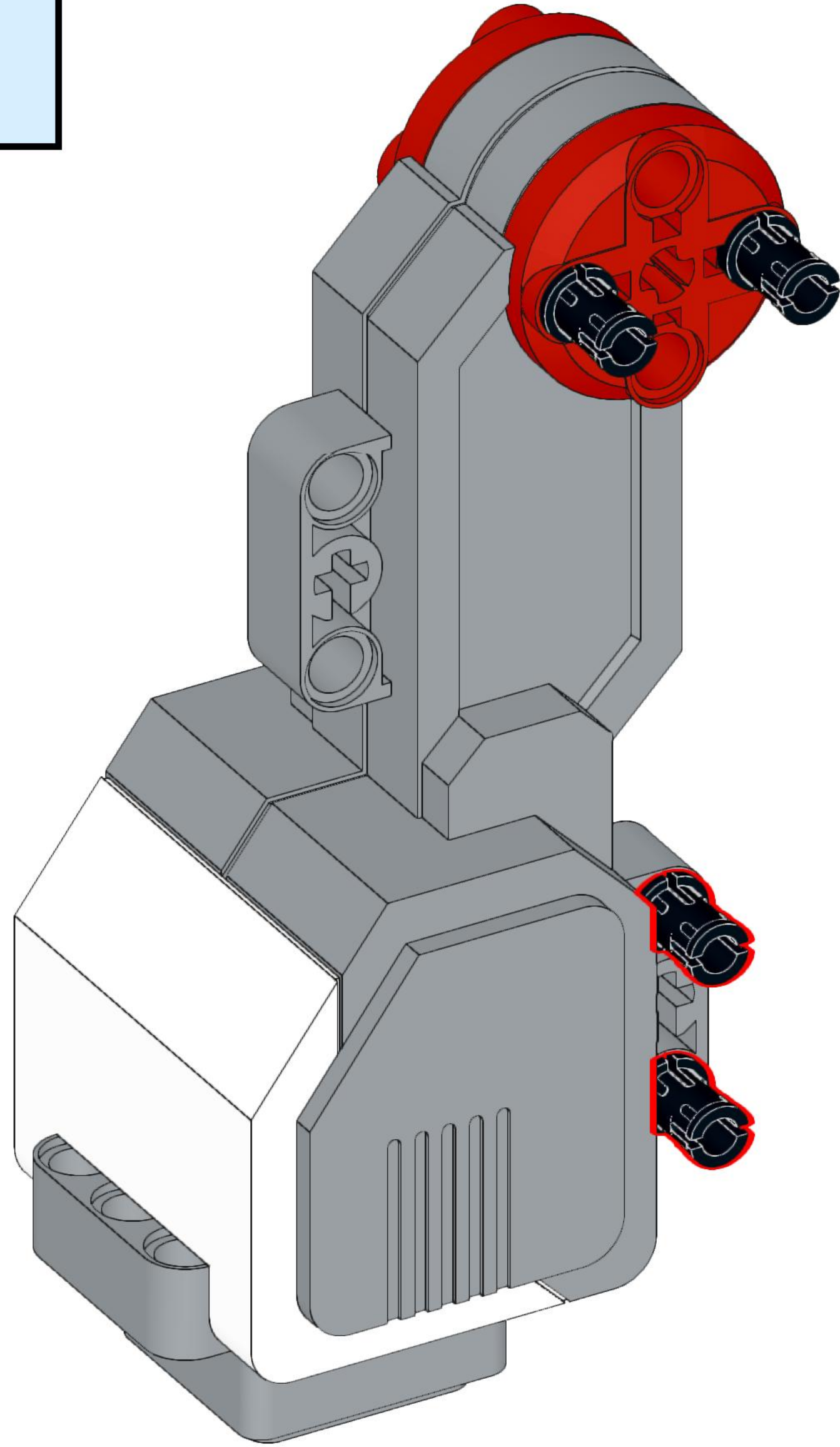
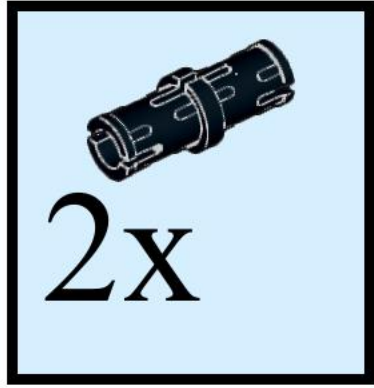




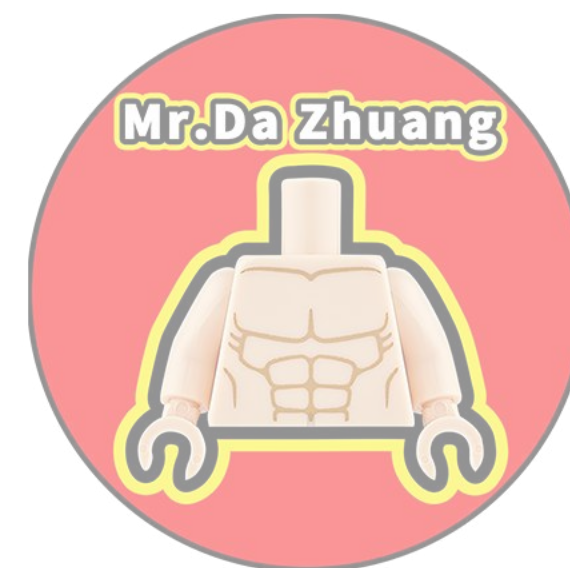
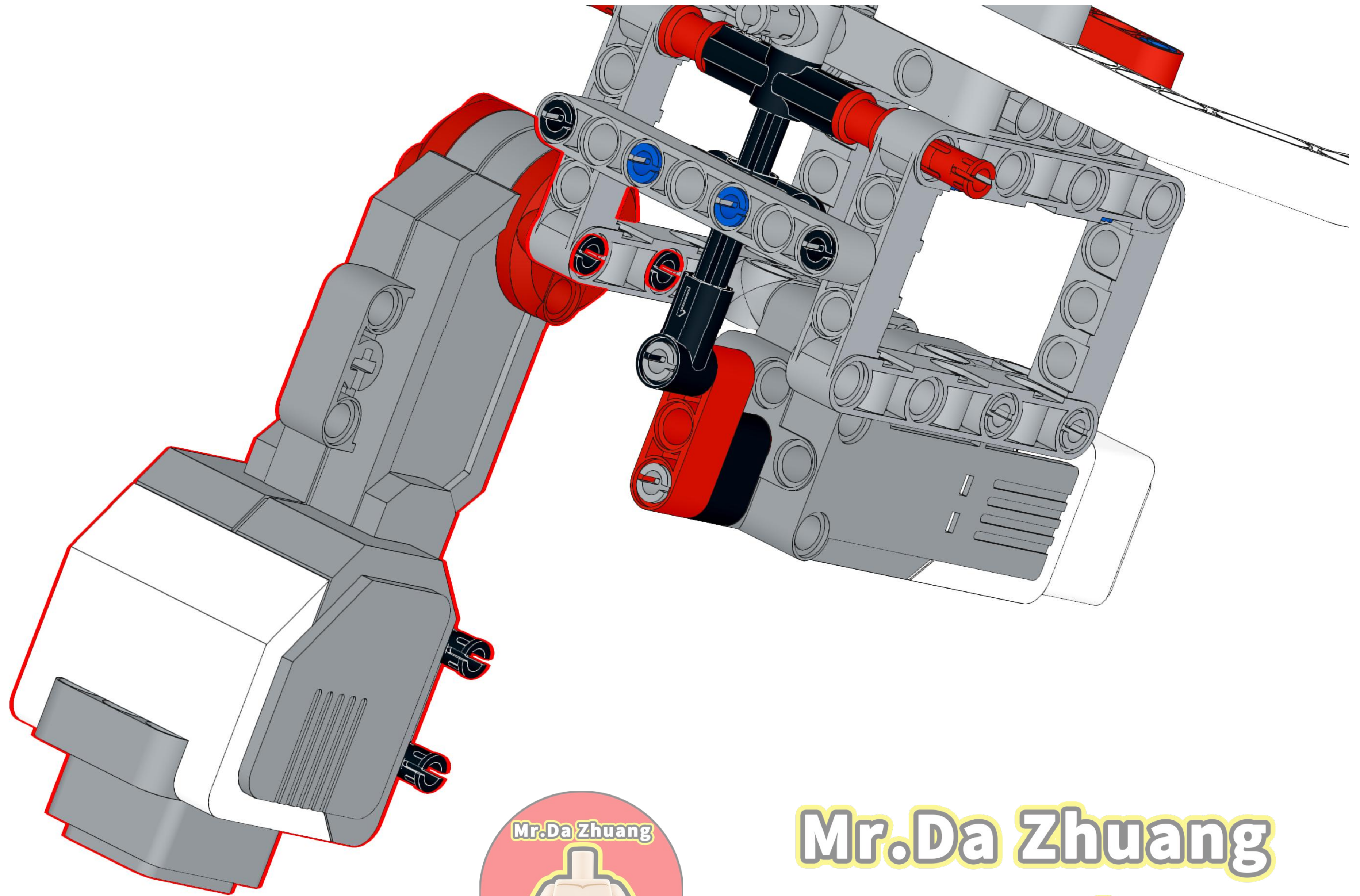
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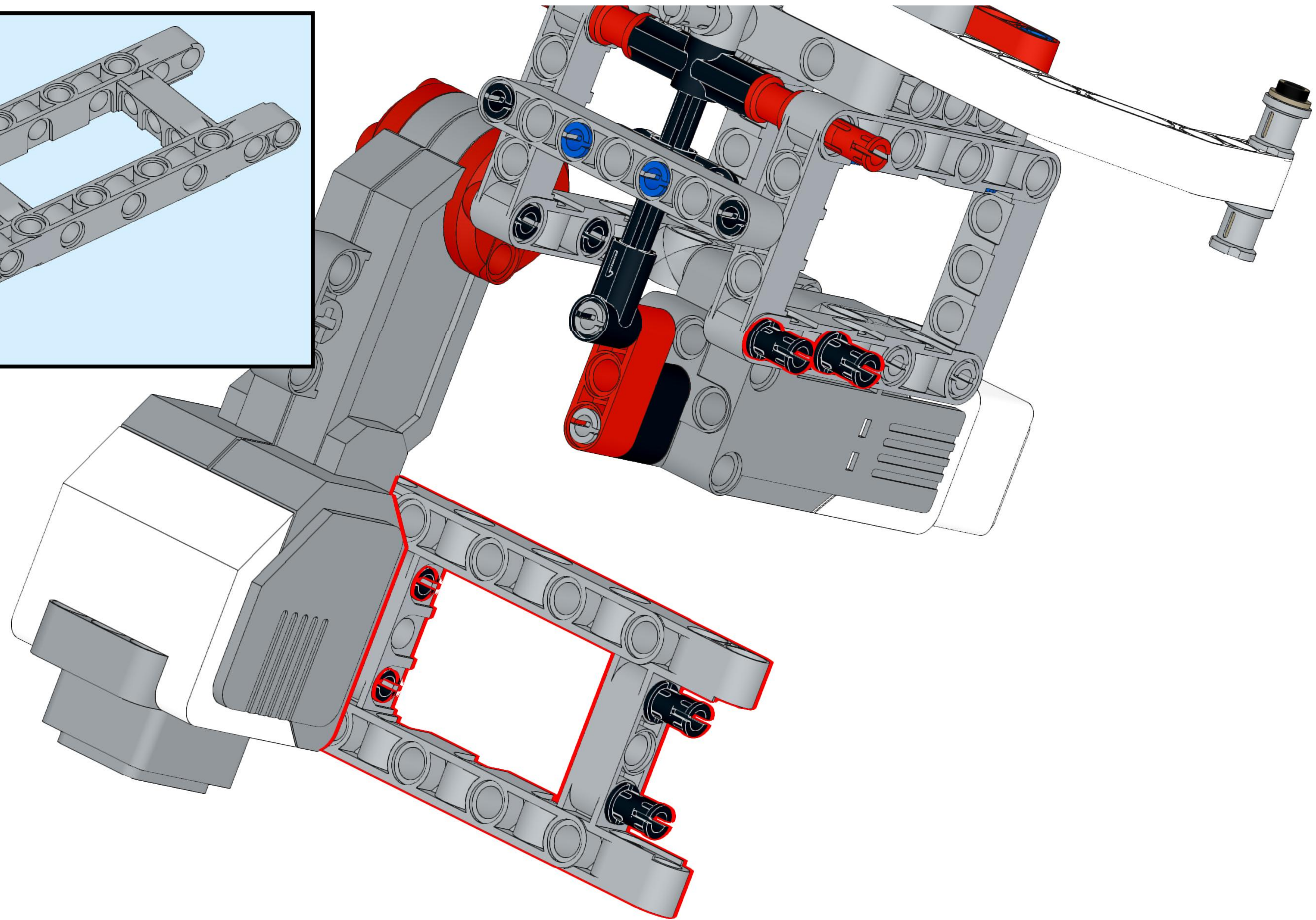
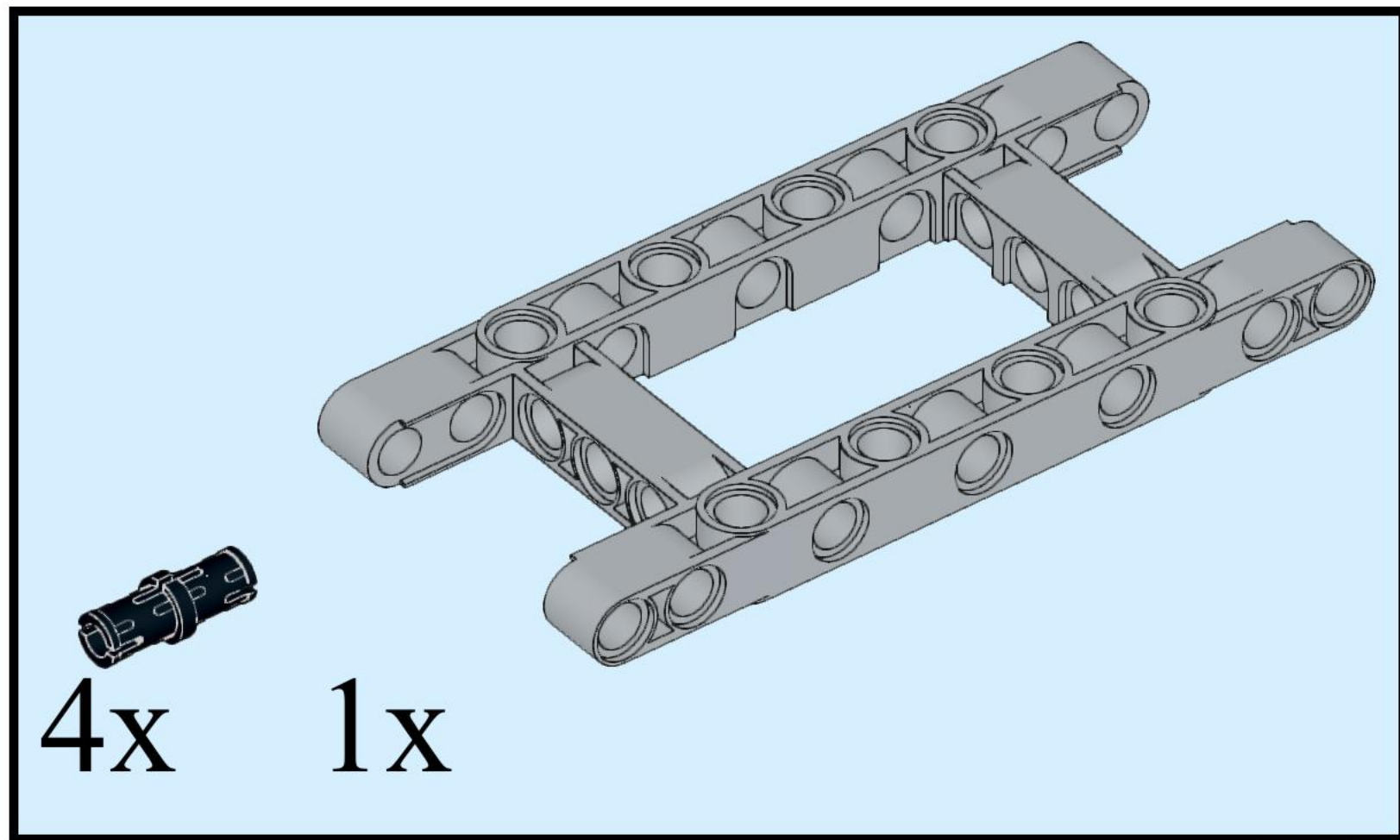


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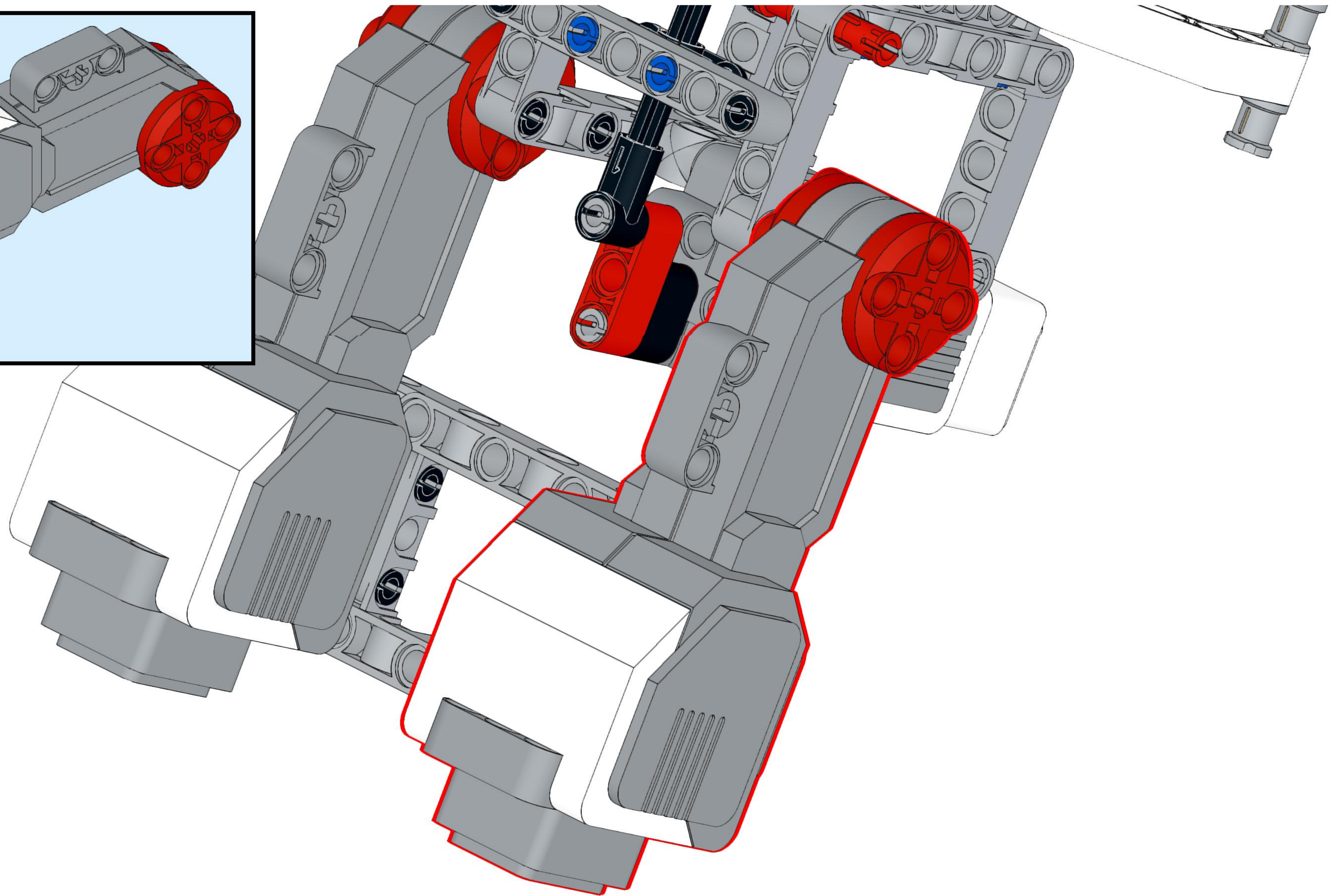
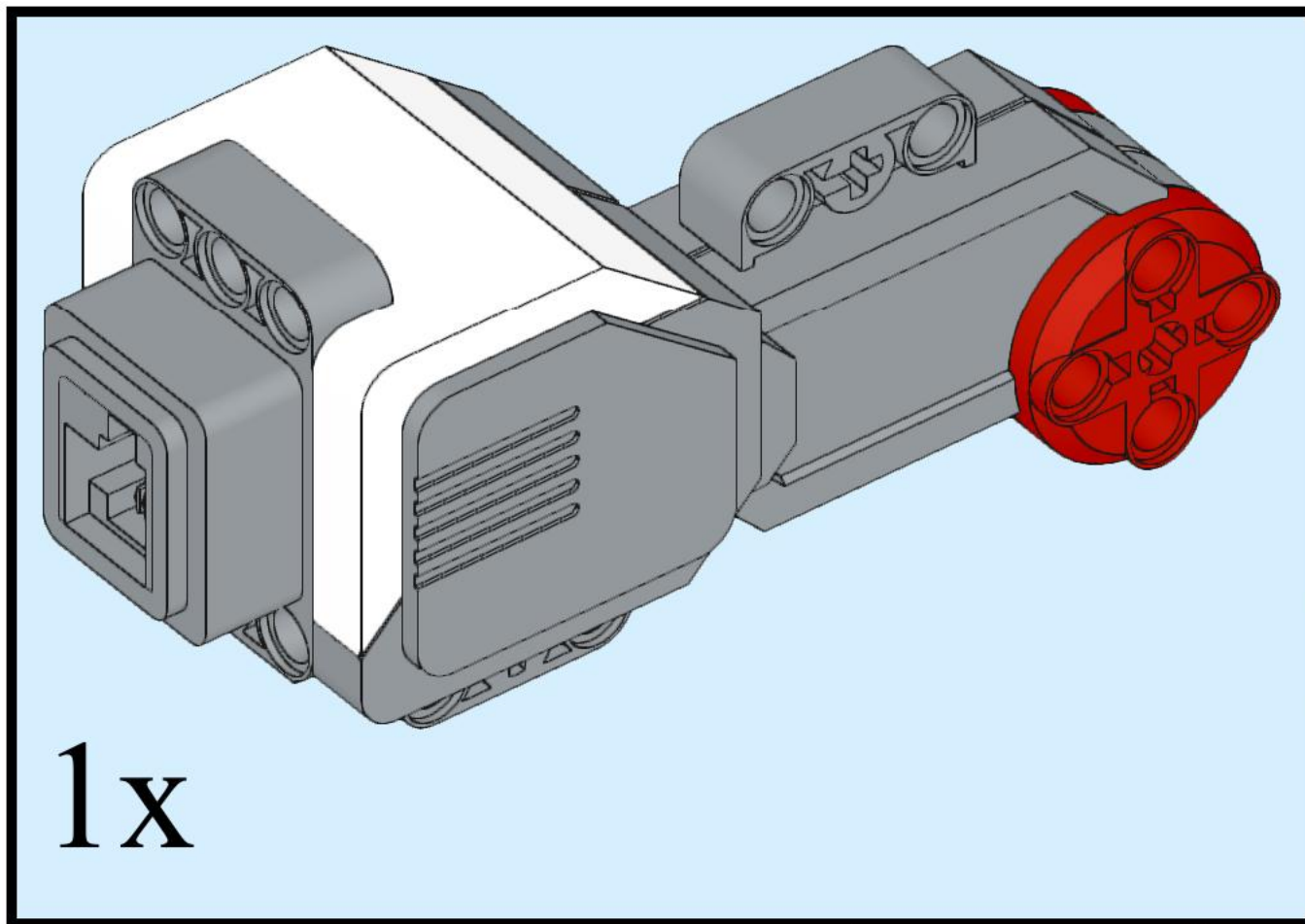


Mr. Da Zhuang
Youtube  me!

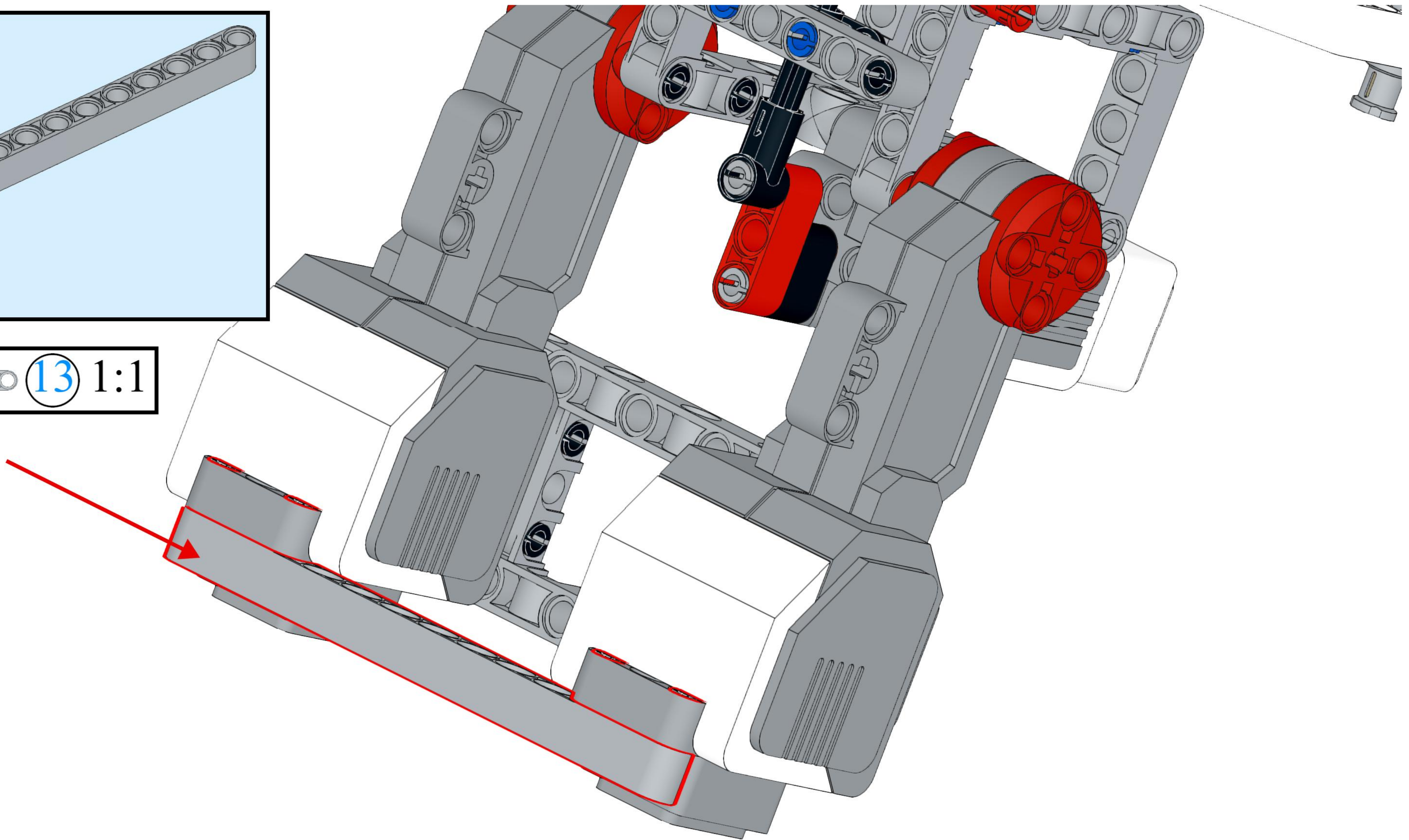
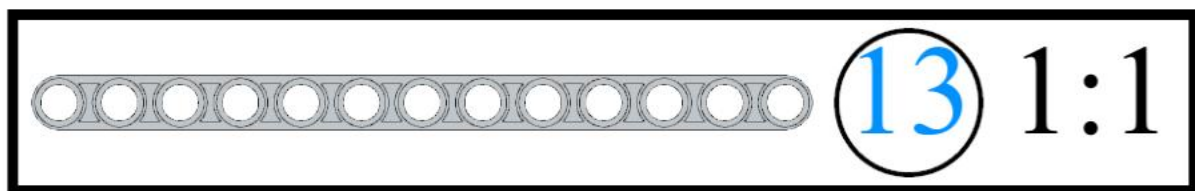
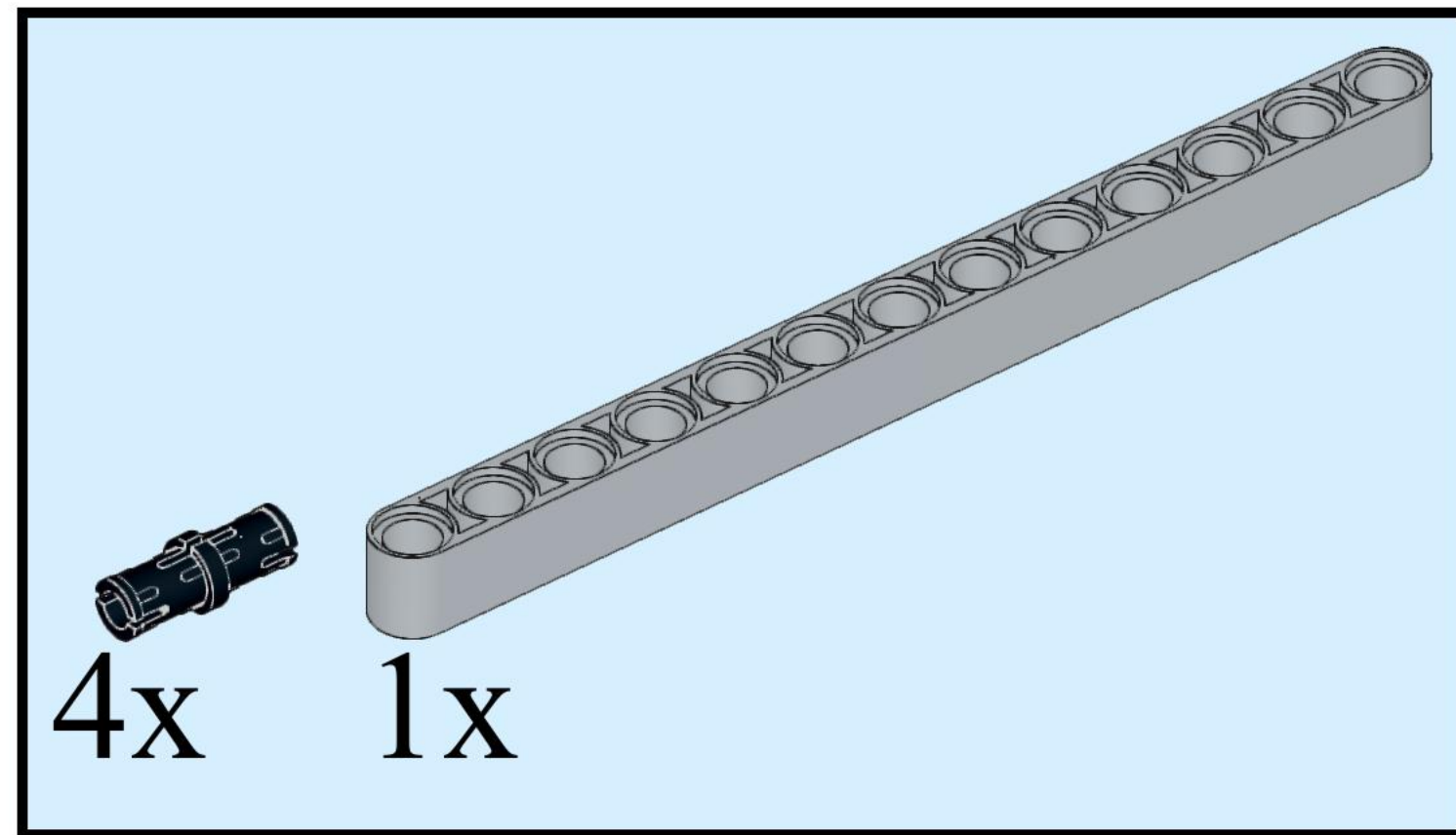
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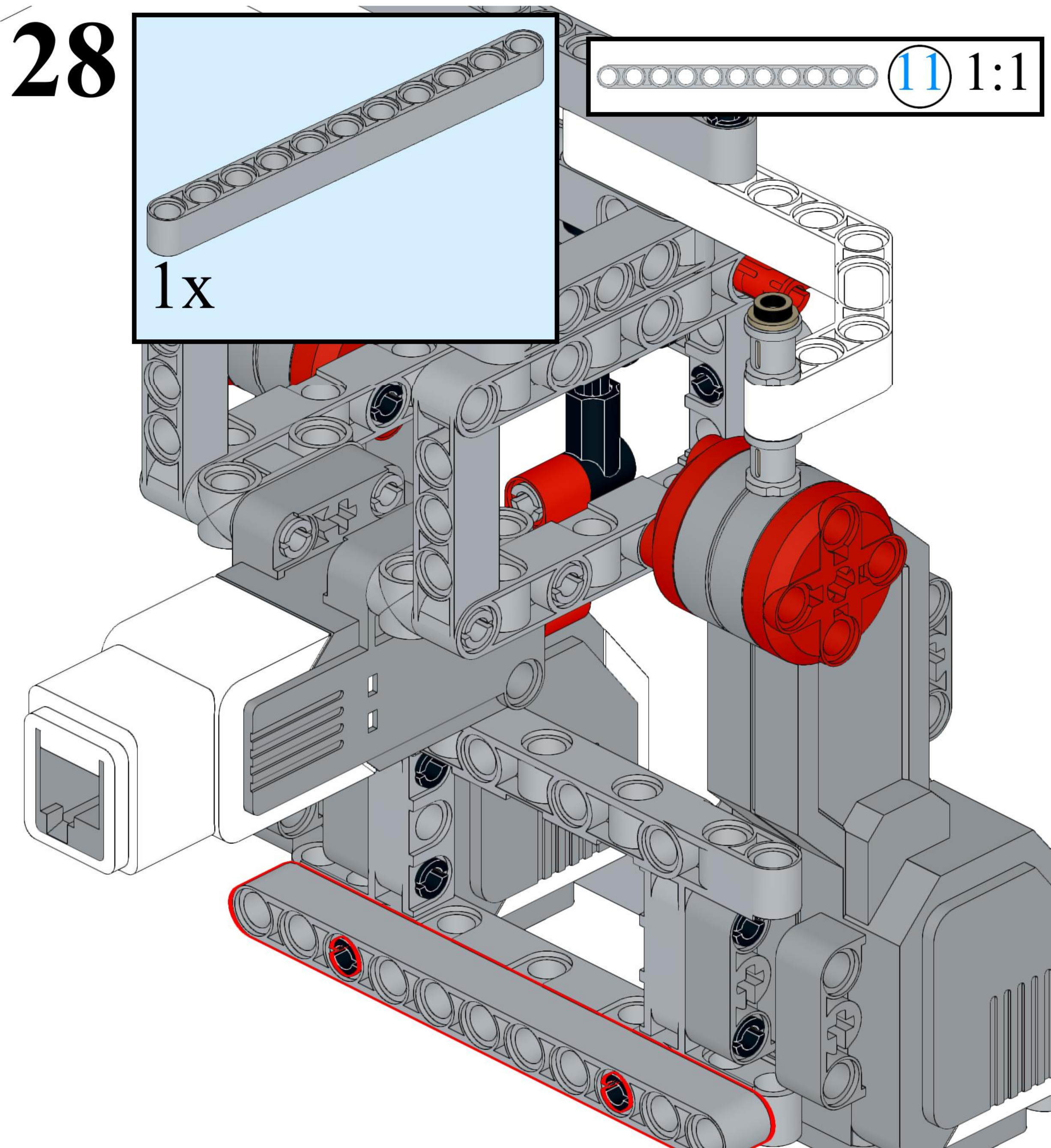
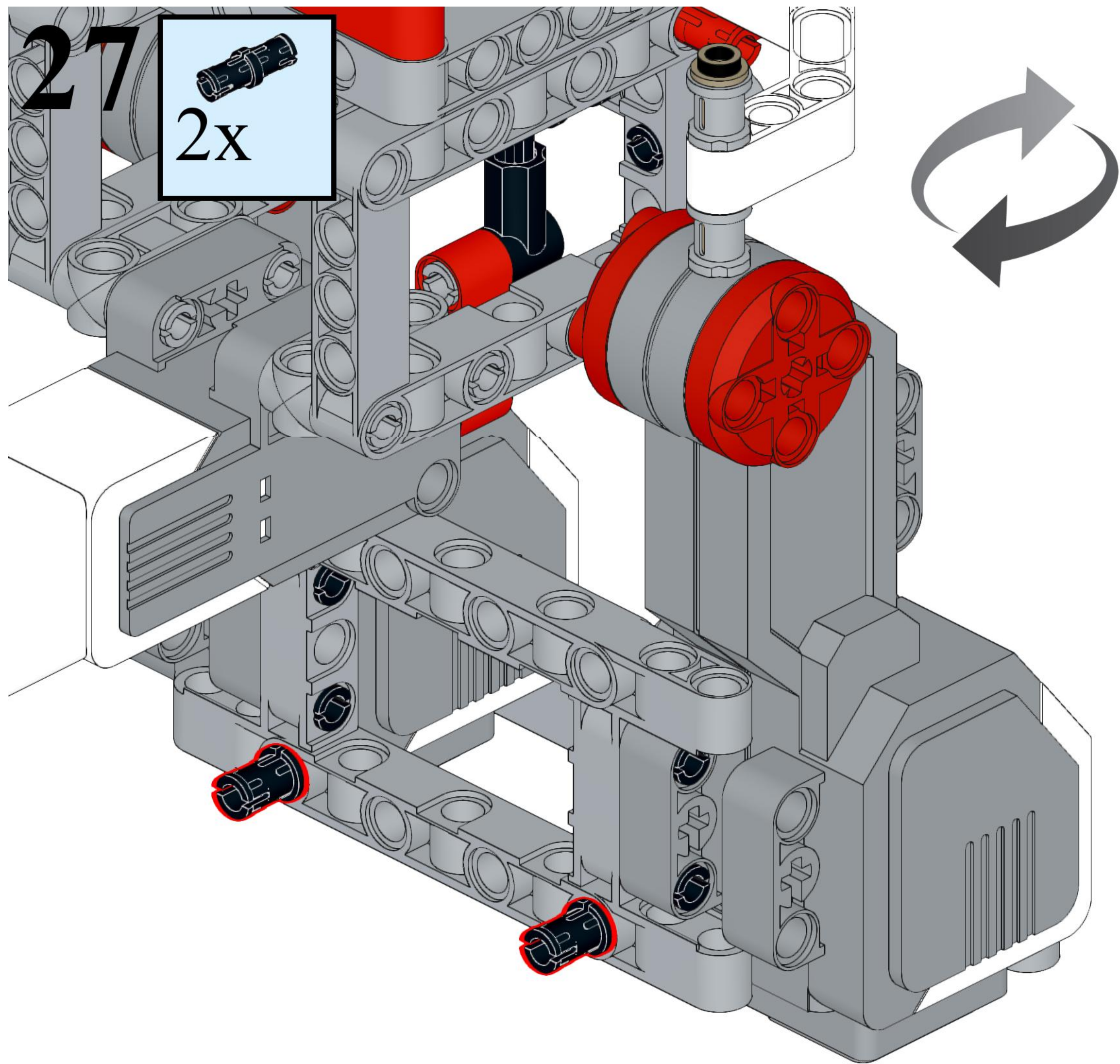


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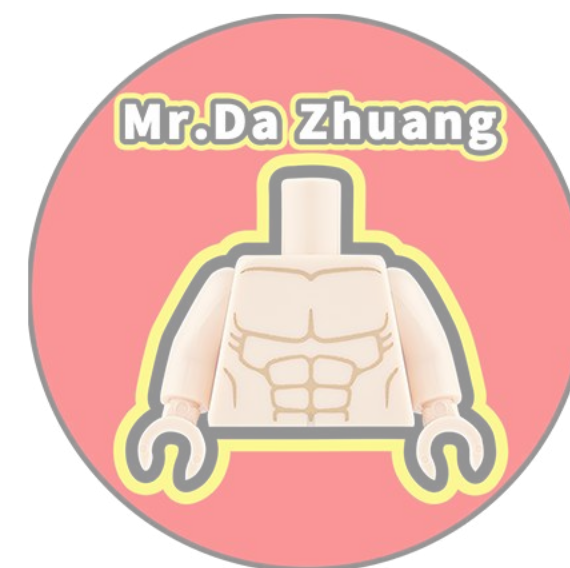
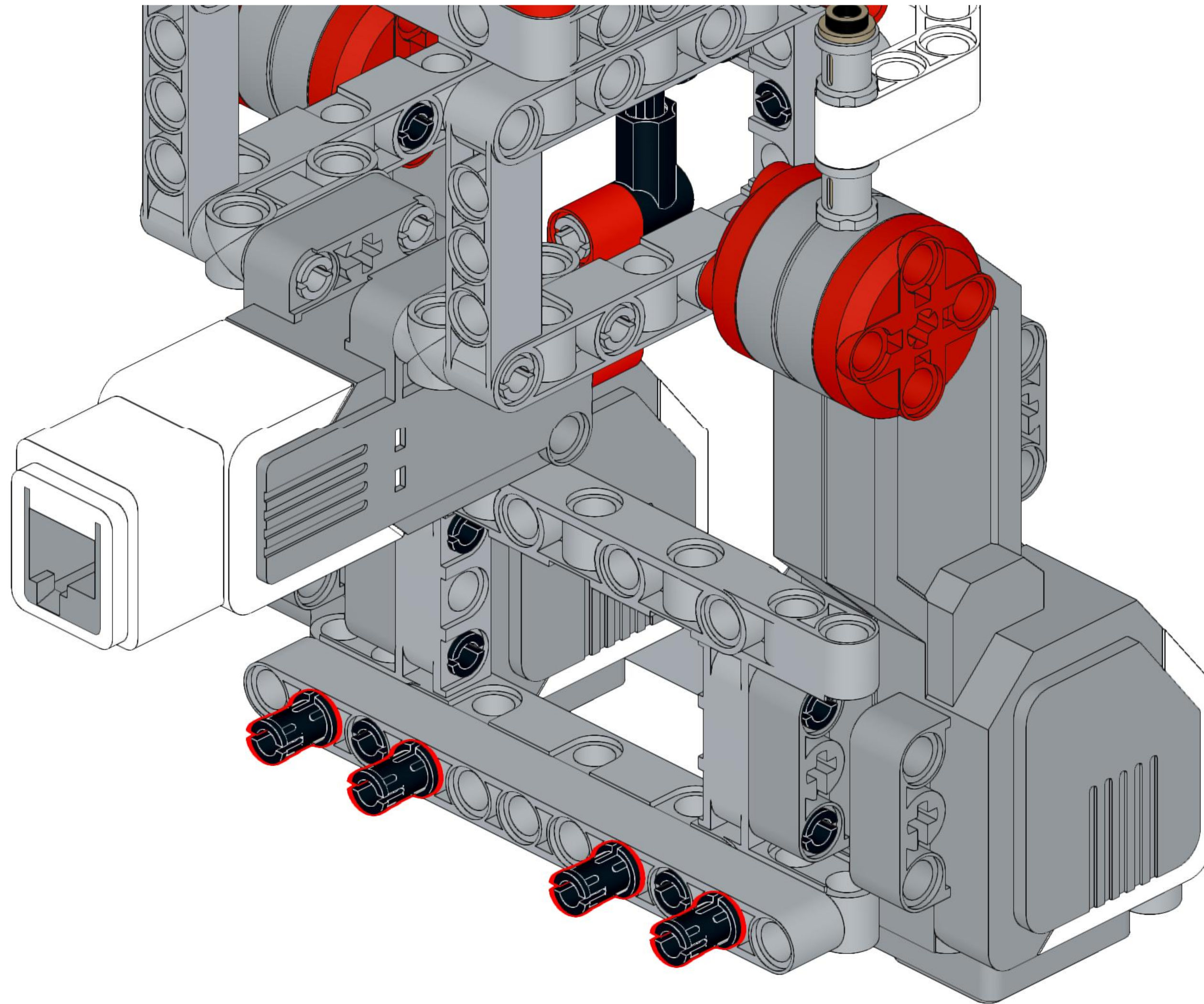


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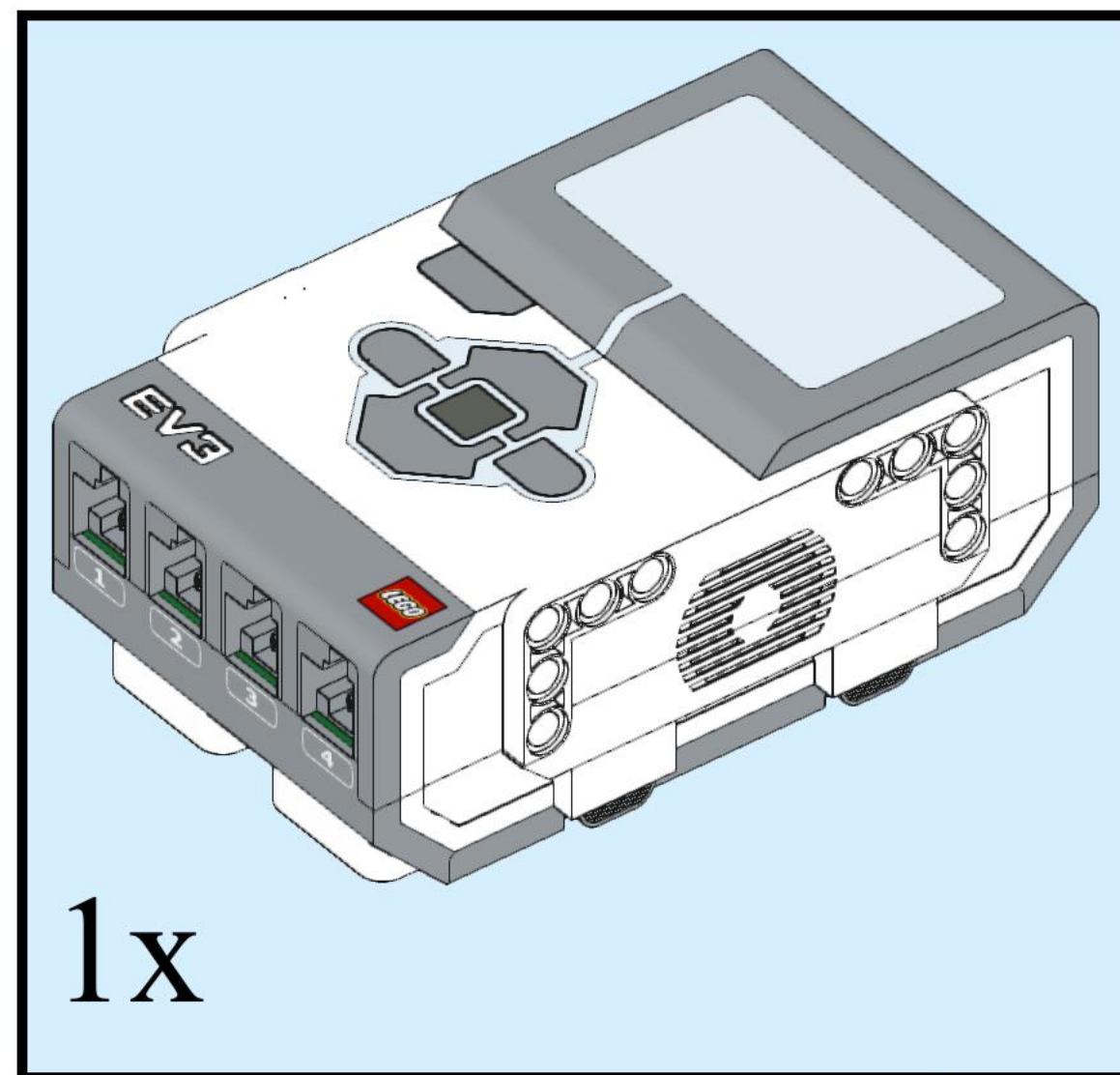
29



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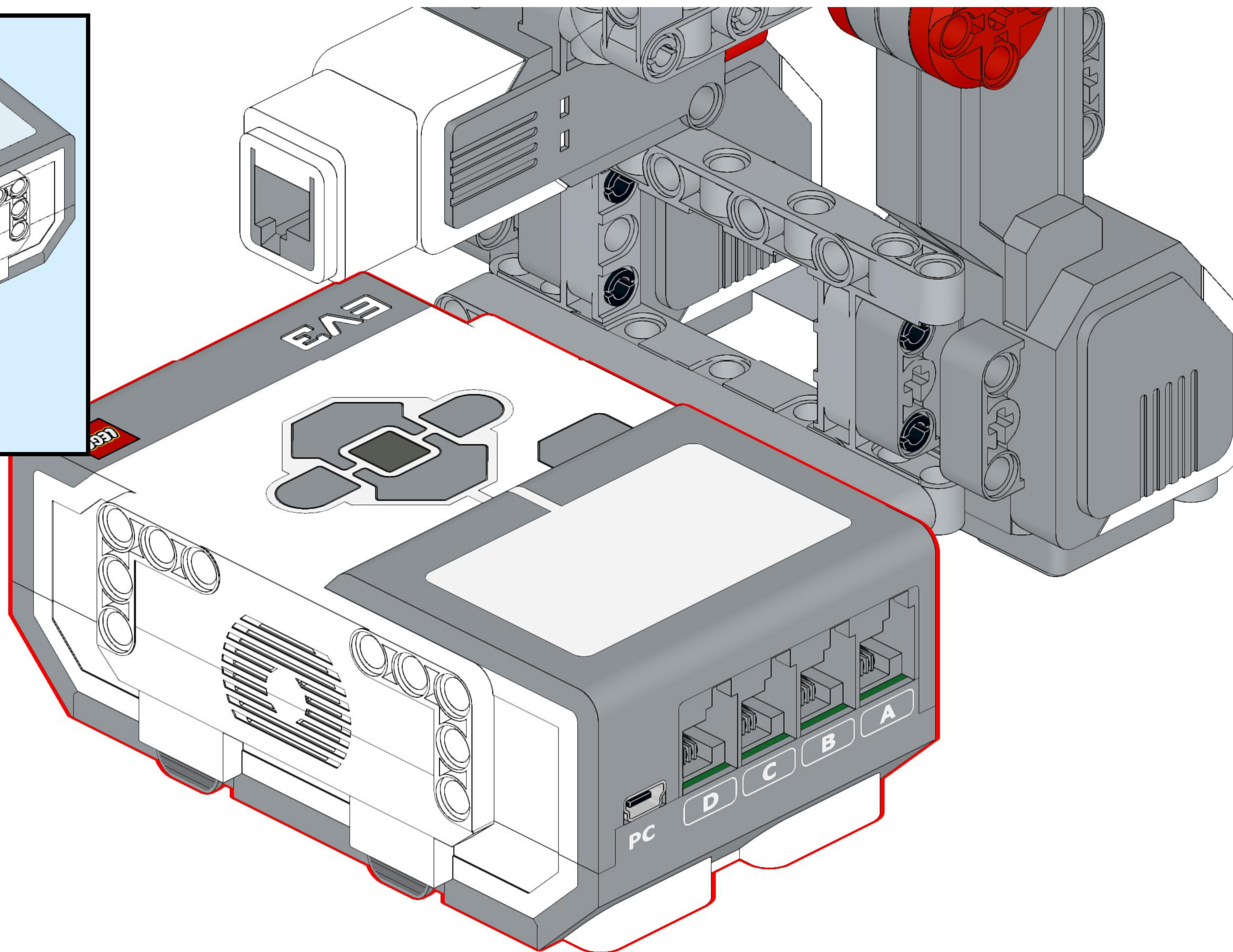
Youtube  me!

30

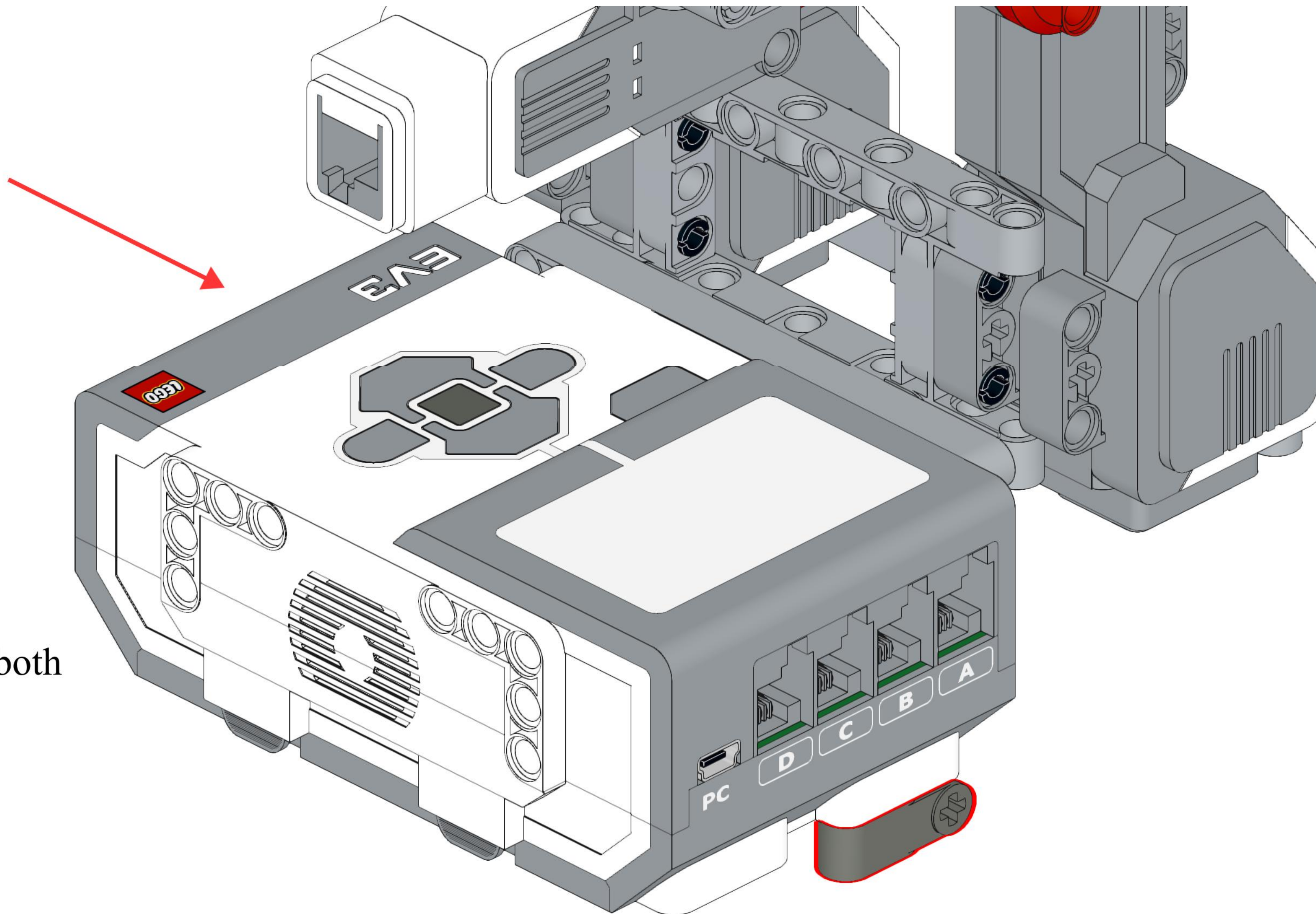
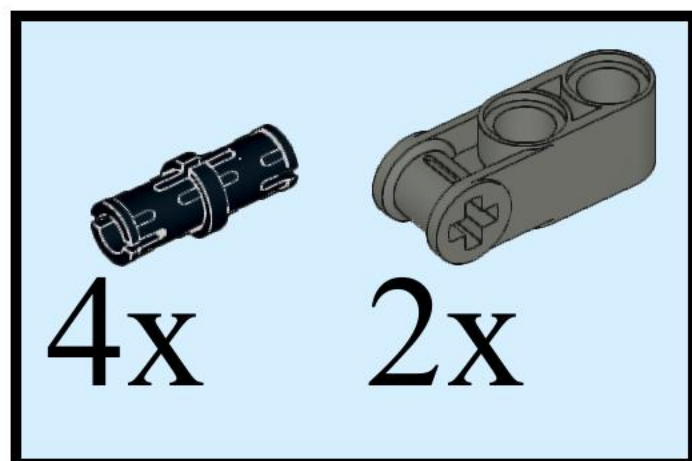


You can also fix the LEGO EV3 brain any way you like

你也可以按照自己喜欢的方式去固定乐高EV3的大脑



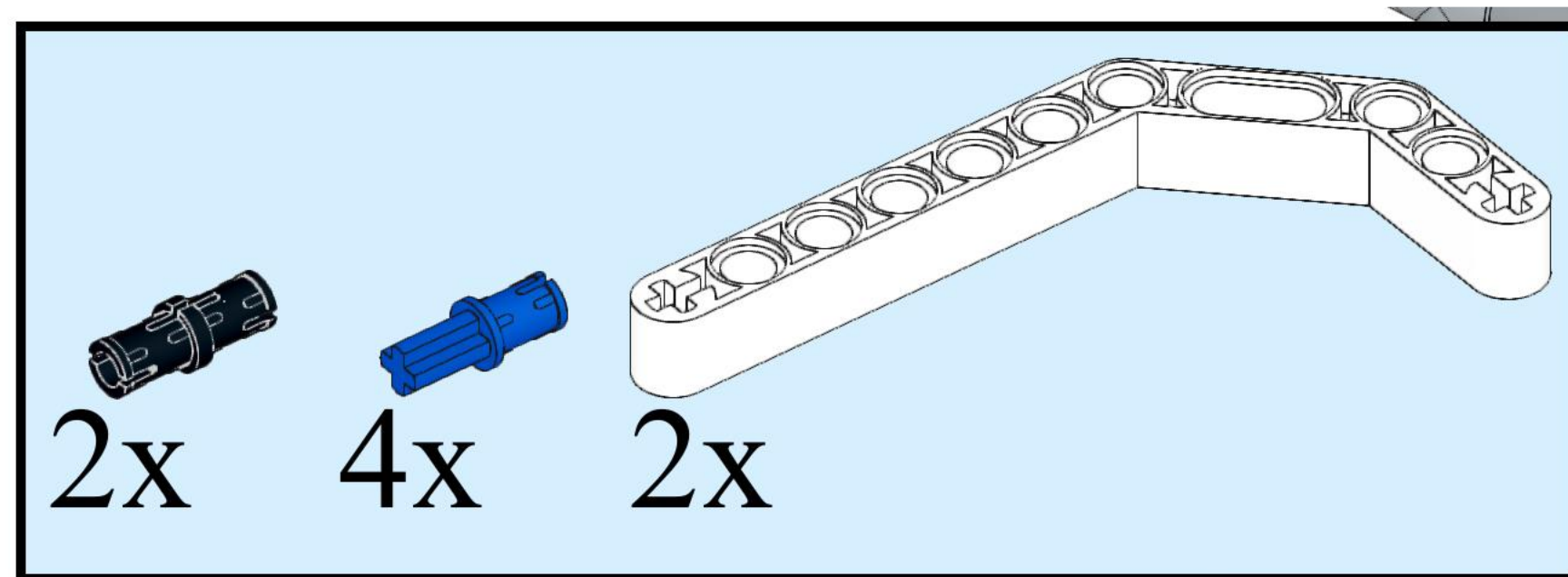
31



Do the same thing on both sides

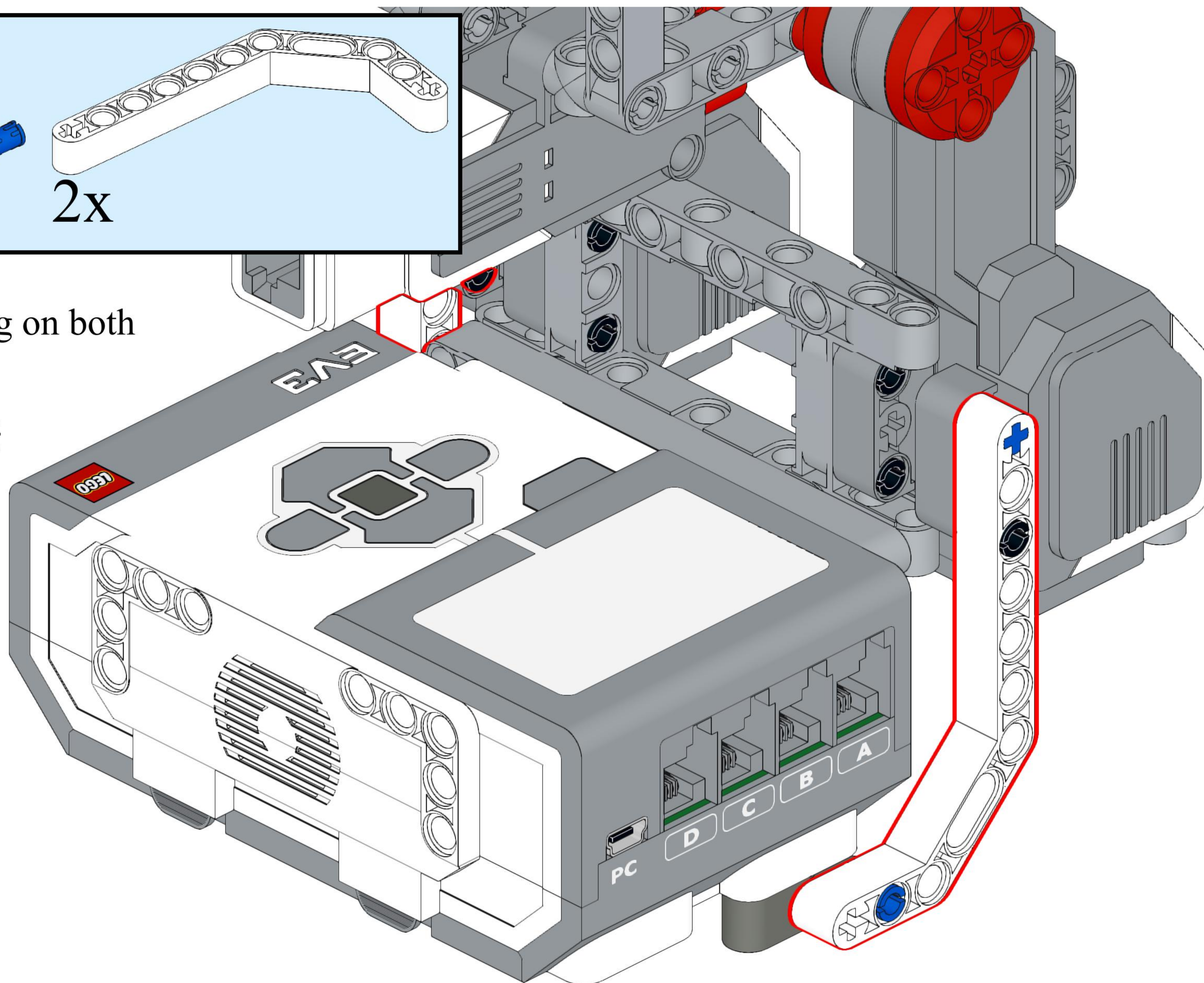
两侧一样的做法

32



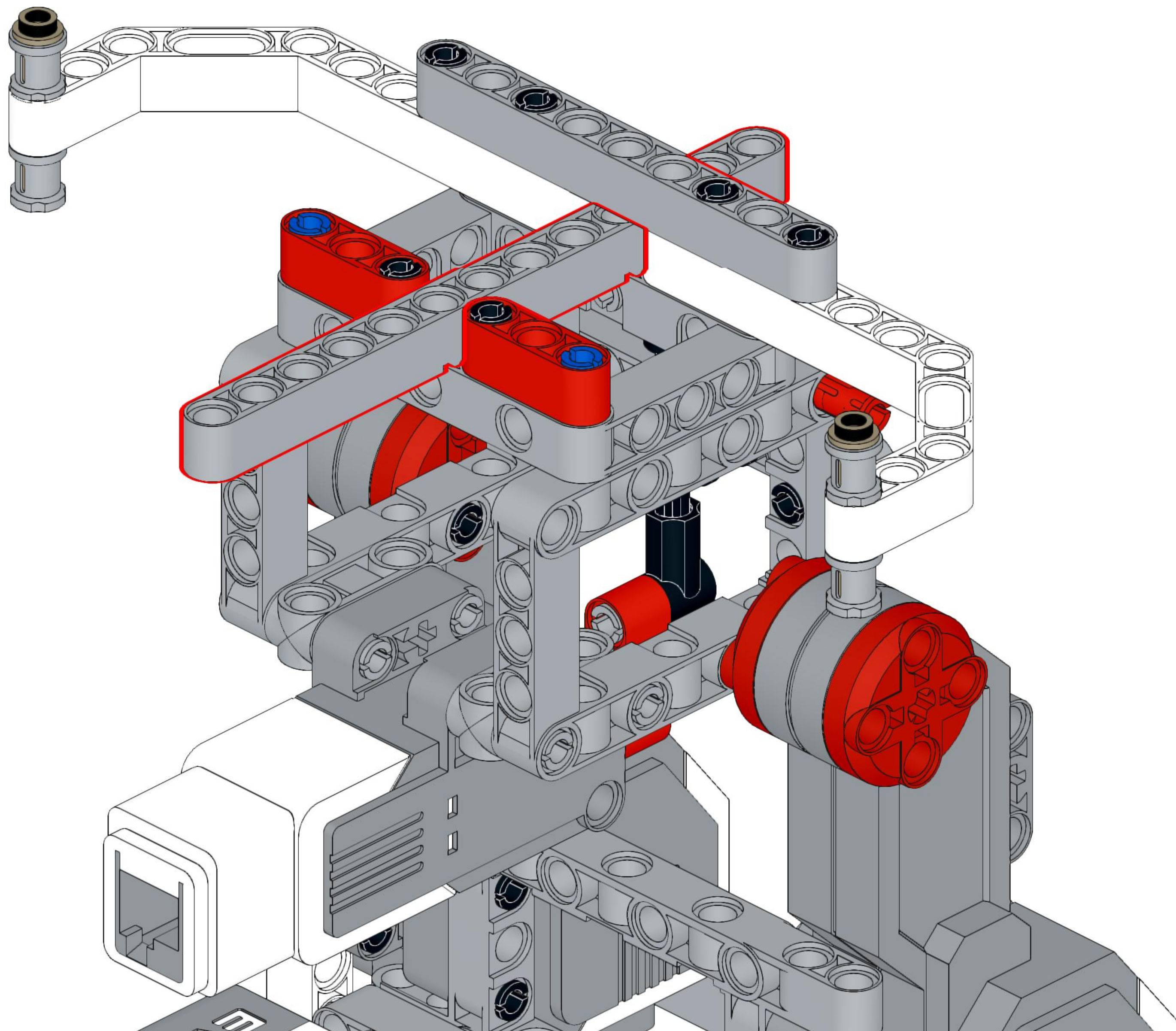
Do the same thing on both sides

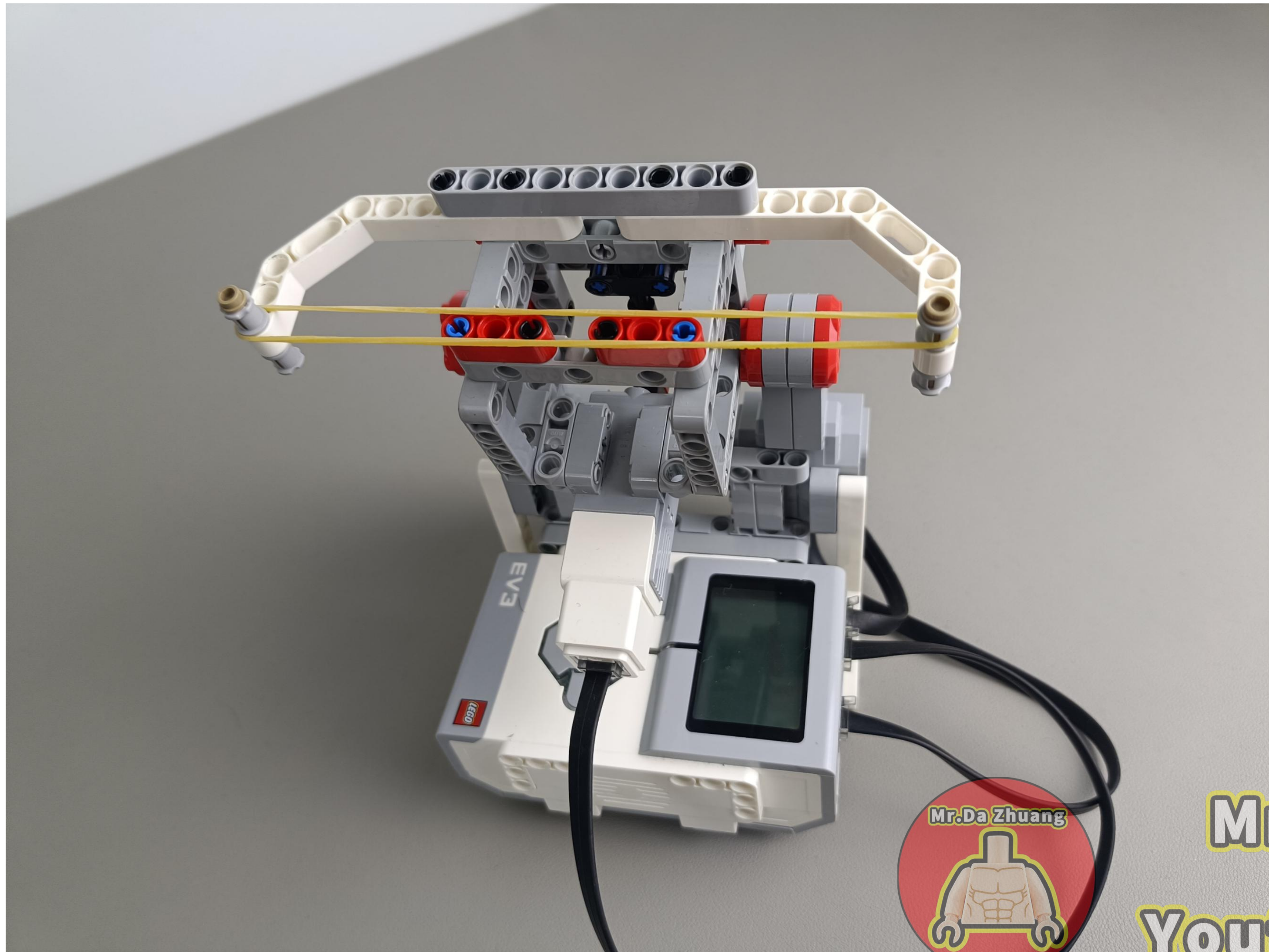
两侧一样的做法



33

1x





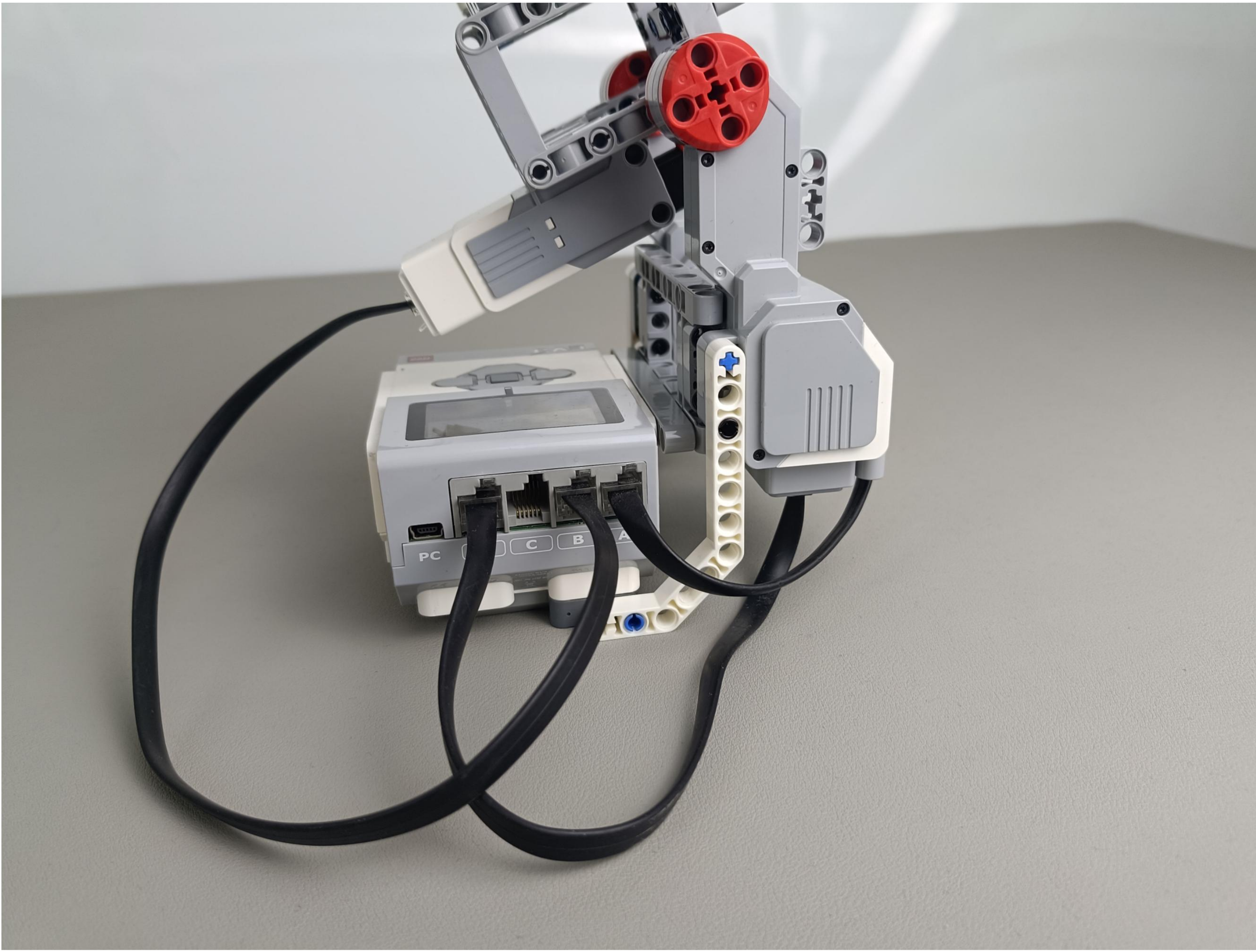
Add rubber band

加上橡皮筋



Mr. Da Zhuang

Youtube  me!

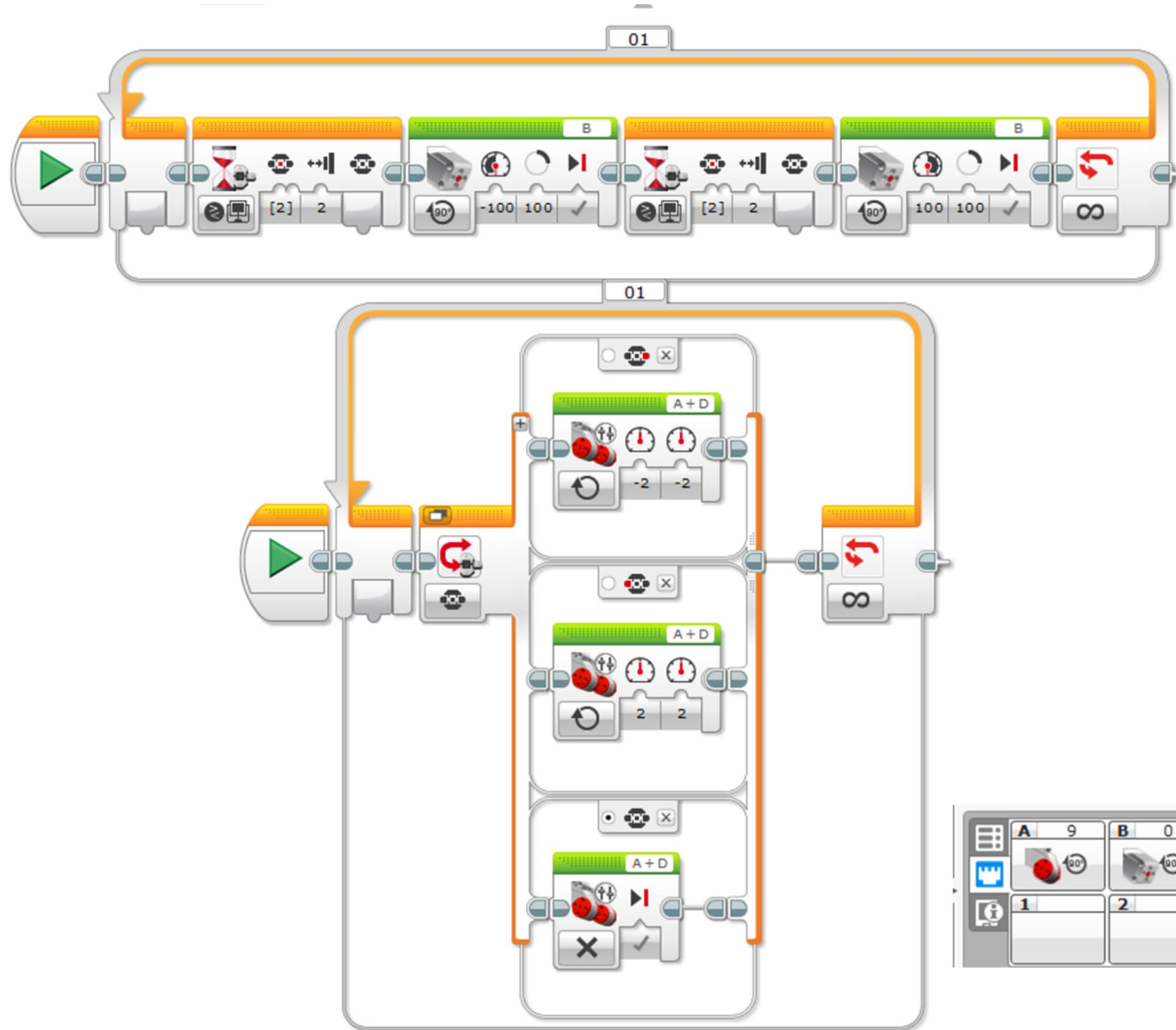


Connect the data cable. The ports connected in the program I provided are (large motor: A port D port, medium motor: B port)

连接数据线，我提供的程序中连接的端口是（大型电机：A端口 D端口 中型电机：B端口）

Since I want to use parts from a set of LEGO Ev3 45544 to build this work, the base part is not fully reinforced and is not very stable. You can play freely according to the parts you have.

由于我想用一套乐高Ev3 45544套装内的零件去搭建这个作品，所以底座部分没有充分加固，不是很稳定，大家可以根据自己拥有的零件来自由发挥。



	A	9	B	0	C		D	8	EV3
	1	2	3	4					



A -21° B 0° D -23°

when program starts

forever

```
wait until center button is pressed
wait until center button is released
B set motor to hold position at stop
B run for -100 degrees at 100 % speed
wait until center button is pressed
wait until center button is released
B set motor to hold position at stop
B run for 100 degrees at 100 % speed
```

when program starts

forever

```
if is left button pressed? then
  set movement motors to A and D
  set movement motors to hold position at stop
  start moving at -2 -2 % speed
else
  if is right button pressed? then
    set movement motors to A and D
    set movement motors to hold position at stop
    start moving at 2 2 % speed
  else
    stop moving
```



Mr. Da Zhuang

Youtube  **me!**